

FARMERS' MANUAL
—AND—
ALMANAC

1890



"These Bones Shall Rise Again"

H. S. MILLER & CO.,

MANUFACTURERS OF

PURE ANIMAL BONE FERTILIZERS,

NEWARK, N. J.

AGENTS WANTED

In Unoccupied Territory.

WRITE FOR PRICES, TERMS
AND SAMPLES.

Address:

H. S. Miller & Co.

NEWARK, N. J., OR BALTIMORE, MD.

H. S. MILLER & CO.,

—MANUFACTURERS OF—

PURE ANIMAL BONE

FERTILIZERS,

Pure Ground Bone and

BONE MEAL.

FACTORY AND PRINCIPAL OFFICE:

Fronting on Dock St. ^{and} Passaic River,

NEWARK, N. J.

BRANCH OFFICE: 202-206 Buchanan's Wharf, Baltimore, Md.

FOOT OF FREDERICK STREET.

WAREHOUSES:

NORFOLK, VA.

BALTIMORE, MD.

RICHMOND, VA.

WILMINGTON, N. C.

WEST POINT, VA.

SAVANNAH, GA.

SEASON 1890.

TO THE FARMERS.

In presenting you with the latest edition of our "Manual," we desire particularly to call to your mind what we promised you in the preceding number of this book, and then with much pride we refer you to the numerous certificates or testimonials received from every section where our goods have been sold; then we wish you to judge for yourselves whether we have honestly lived up to what we promised, and whether you have not found our statements regarding ourselves and our goods to be the truth. And we ask you, are we not entitled to merit a continuance of your confidence and favor?

The names appended to the testimonials received by us are those of the most successful and substantial farmers in their respective communities. Many of them are, no doubt, known to you, and should you have no knowledge of your own obtained from the use of our **PURE ANIMAL BONE FERTILIZERS**, speak to any of your neighbors who may have used the goods, or write to any of the gentlemen whose names are contained herein.

We now promise to continue to exercise the same skillful care in the manufacture of our now celebrated brands, that we always have, and to keep them up to their present high standard of quality and mechanical condition.

PREFACE.

Our efforts the past seasons to give the farmer a strictly honest and reliable fertilizer have been rewarded by the knowledge that the greatest universal satisfaction is given, and by the very remarkable increase in the demands for our goods ; and, for the information of those not acquainted with us, we beg leave to repeat some truths already stated in a previous edition, Our goods are nothing new, being manufactured under the supervision of the oldest and most experienced manufacturers, who have had over forty years' experience in the manufacture of chemical manures, both in this country and in Europe, and under their supervision the work will be conducted. In fact, nearly every employee is an old and experienced hand, having had many years' experience in the manufacture and sale of commercial fertilizers, and whose names are familiar to the fertilizer trade as manufacturers and salesmen. No expense has been spared by us in obtaining the most experienced men, in the manufacture of, and representation of our goods.

Our salesmen, who will call upon you in reference to our fertilizers, are old friends and will need no introduction. Any statement which they may make in reference to the goods, may be depended upon, as they will be first-class in every respect. It shall be our aim to place at all times upon the market a grade of goods unsurpassed for quality or price. Our machinery is of the most improved and latest type, expressly adapted to both improve the product, and cheapen the cost of production. There are mills for grinding the crude materials, as well as the manufactured product ; mixing pans of the best and latest pattern. Screens and elevators are so arranged and designed to han-

dle and manufacture the stock with the least possible labor and expense. The works are most desirably situated for the transportation of its raw and manufactured goods.

With the Passaic River on its front, and with a branch of the N. J. Central R. R. running into the works, we are enabled to ship and receive goods at the lowest possible figure for transportation, to any part of the country.

The most important part of our argument, and we presume the most interesting to the farmer, is the price and quality. As to the first: experienced help, improved machinery, exceptional facilities to manufacture and the transportation of goods, enable us to keep the price, for the quality, extremely low. Now as to the quality, the best, and only the best material will be used in the composition of the goods manufactured by us. In the first place, we do not use, nor will we use in the manufacture of any of our goods, Charleston Rock or any foreign substance of the kind; our phosphoric acid will be derived from bone.

Bone is, and will ever continue to be the base of all our manures. It is bone first, last and every time. We have never been, nor do we ever expect to be advocates of rock, *for which we have no use*. As to the source from which the nitrogen is obtained to supply the ammonia to our different brands of fertilizers, we use Nitrate Soda, Sulphate of Ammonia, Blood, Fish and high grade tankage. We do not use horn, horn shavings, horn scrap or anything of the kind. The potash is principally derived from a high grade sulphate.

In fact, to be brief, the materials only which are considered the best of their respective kinds are used in the manufacture of any brand of goods made by us. If they, therefore, do not give satisfaction, it will be from some other cause than that of the fertilizer, as no pains will be spared to place upon the market a brand of goods unequalled in quality for the price asked.

In the use of these high grade fertilizers, care should at all times be taken, that in distributing the seed, it does not come in direct contact with the fertilizer.

H. S. MILLER & CO'S STANDARD SUPER- PHOSPHATE OF LIME.

Guaranteed Analysis.

Ammonia (derived from dried blood, Sulphate of Ammonia, Meat and Fish)..	2.85 to 3.25
Phosphoric Acid (available) derived from Animal Bone.....	10.00 to 12.00
Insoluble.....	1.50 to 2.50
Potash, (derived from high grade sulphate)	1.50 to 2.00

From the above analysis it will be seen that this Standard brand of Fertilizer contains all the elements of plant food, yet in a more concentrated form than is to be found in the best yard manure. It is, therefore, a complete manure and can be used as a substitute for barn yard manure, containing all the ingredients necessary and in proper proportion for almost any of the cereals, such as wheat, rye, oats and barley; also, can be used with great profit on corn and potatoes. For truck gardening it is also an excellent manure; for seeding down with timothy and clover for lawns or pasture lands, it is a most excellent fertilizer. It may also be used with great profit as a top dressing. When this fertilizer is used in connection with stable manure, it will greatly strengthen the latter. The fertilizer is made from the best material, the ammonia being derived from dried blood, sulphate of ammonia, meat and fish. The phosphoric acid being derived from animal bone, (no rock being used in the manufacture of this or any brand made by us); its potash being derived from high grade sulphate, and manufactured in the most thorough and scientific manner known. The mechanical condition is unsurpassed by any brand of fertilizer placed upon the market. A uniformity throughout. Being so free of moisture, its drilling qualities are perfect, and no fear need be entertained that it will clog in the drill. By drilling evenly, uniform crops will be secured. The quantity to be used depends largely upon the richness of the soil, though we should advise the use of from 200 to 300 lbs. per acre.

H. S. MILLER & CO'S AMMONIATED DIS- SOLVED BONE PHOSPHATE.

Guaranteed Analysis.

Ammonia (derived from dried blood, Sulphate of Ammonia, Meat and Fish..	2.25 to 2.50
Phosphoric Acid (available) derived from Animal Bone.....	9.00 to 10.00
Insoluble.....	1.50 to 2.50
Potash, (derived from high grade sulphate	1.50 to 2.00

This fertilizer, like the Standard, contains all the required elements of plant food for any grain crop. It is not a special but a complete manure, the elements of plant food being in a more soluble and concentrated form than is to be found in stable manure, particularly on soils of a light character, or such as require to be supplied with the ingredients in proportion as found in stable manure, is this fertilizer particularly adapted. On some soils it will be found to equal the Standard, such as the sandy soil of the cotton growing States, where this brand should be used with great profit. It is particularly adapted for the growth of cotton, and the planters of the South can find no better fertilizer to use under their cotton, than our AMMONIATED DISSOLVED BONE.

Like the Standard, its source of nitrogen is derived from dried blood, sulphate of ammonia, fish and meat. The animal bone, its phosphoric acid and its potash being derived from the high grade sulphate. The mechanical condition of this fertilizer is perfect, and its drilling qualities unsurpassed. We, therefore, recommend this brand both to the farmers of the north, and planters of the south. It is an all-around fertilizer, which can be used on almost any crop, with great profit. It is one of the best manures in the market for *Hops*, and no grower should plant without the use of this valuable fertilizer. It would be safe to advise the use of from 200 to 250 lbs. per acre

SAYBROOK, Conn, April 4, 1888.

I think it possible to use another ton of Standard Phosphate. It seems to take very well with our farmers.

Yours, G W. DENISON.

H. S. MILLER & CO'S HARVEST QUEEN.

Guaranteed Analysis.

Ammonia, (derived from dried blood, Sulphate of Ammonia, Meat and Fish...	1.25 to 2.00
Phosphoric Acid (available) derive from Animal Bone.....	10 00 to 12.00
Potash, derived from high grade Sulphate.	1.50 to 2.00

In the manufacture of this brand, we have endeavored to place upon the market a fertilizer which shall rival all competitors. The price asked for the quality of goods here offered, certainly cannot be surpassed, if equaled. It is a complete manure, containing all the required elements of plant food for any crop. Its source of nitrogen, phosphoric acid and potash being derived from the same source as both the Standard and Ammoniated Dissolved Bone. Though not quite as high in ammonia as the two previous named brands, yet sufficiently high to warrant its use on any crop. Throughout the States of Maryland and Pennsylvania, this brand should meet the want of the farmer, and we think from past experience, it will be found to be the fertilizer required on most of the soil through the above named States. This brand could be also most profitably used under cotton, and we do not hesitate to advise both planter and farmer to use the brand when this soil does not require as high a grade of goods as the Standard.

The mechanical condition of this fertilizer will be found to equal that of the two previous brands. Also, its drilling qualities are good, and the goods will be found to drill without clogging, the same great care being taken in the manufacture of this brand as in all goods manufactured by us. From 200 to 250 lbs. can be used per acre.

GOLDSBORO, N. C., Aug. 21, 1888.

Messrs. Morris & Taylor:

DEAR SIRS—I have used H. S. Miller & Co.'s Guano this year, and think it is the best Guano that I have used in ten years.

Very truly yours,

WILLIAM CARMARY.

H. S. MILLER & CO'S VEGETABLE COM- POUND.

Guaranteed Analysis.

Ammonia, (derived from dried blood, Sul- phate of Ammonia, Meat and Fish..	10.00 to 12.00
Phosphoric Acid, (available) derived from Animal Bone....	8.50 to 10.00
Potash, (derived from high grade sulphate	3.00 to 4.00

From the above analysis it will be seen that this is a high grade manure, made and prepared with special care, to meet the wants of the truck farm. This fertilizer being high in ammonia, phosphoric acid and potash, may be used with profit on all truck gardens when a special fertilizer is required, and when from two to three crops are taken from the same land in a season. Not only is this fertilizer to be used for the purpose of producing a much larger crop, of so many more bushels per acre, but even a greater source of income than the production of a larger crop may be obtained by the judicious use of this high grade fertilizer, by bringing the crops to maturity some ten days earlier than would be the case were yard manure used in place of the fertilizer. This is an important factor to the gardener, and should not be lost sight of when purchasing manure. Truck farmers on the eastern shore of Maryland and Virginia, have seen the importance of this argument, and are fast taking advantage of the experience of their neighbors, who, by the use of a high grade fertilizer are enabled to place upon the market their goods from one to two weeks in advance of those using stable manure or an inferior grade of fertilizer. Peruvian Guano, which at one time was so largely used by farmers on the Peninsula, is giving away also, to these high grade goods, as the fertilizers contain all the required elements of plant food not only as in the case of nitrogen, giving them a quick start but has the proper food to bring the plant to maturity in the shortest possible time.

H. S. MILLER & CO'S CORN AND POTATO PHOSPHATE.

Guaranteed Analysis.

Ammonia, (derived from dried blood, sulphate of Ammonia, Meat and Fish...	1.50 to 2.00
Phosphoric Acid, (available) derived from Animal Bone.....	6.50 to 7.50
Insoluble.....	1.00 to 1.50
Potash, (derived from high grade sulphate,	3.00 to 4.00

This is a complete manure, and contains the required elements of plant food for the crop for which it is designated. It is not as high a grade fertilizer as is often made by manufacturers for a corn fertilizer, but we believe after many years of careful observation, there is no fertilizer which can be used under corn which will give more satisfactory results than this brand. It is often stated by farmers that have tested high grade and expensive fertilizers with this grade of goods, that of the two, this is by far the most profitable fertilizer to use, producing a crop equal in quantity and weight to a fertilizer costing nearly double the price asked for this brand. We, therefore, manufacture this brand more especially for the corn crop, yet it can be used for almost any spring crop or light garden truck. As some farmers may desire a higher grade of goods, containing a larger percentage of ammonia and phosphoric acid than is contained in this brand, we would advise either the use of the Ammoniated Dissolved Bone, or the Standard, both of which are higher grade fertilizers, yet we doubt if either can be used with profit equal to these goods. In using the fertilizer, the best plan for securing good growth through the entire season, is to Broadcast the fertilizer evenly over the whole field, and lightly harrow in. A second application would be very desirable to scatter say a handful around the corn after it has had a few weeks' growth, or it may be used, say same amount, a handful to each hill at time of planting. From three to five bags may be used per acre, A greater or less quantity, as it depends greatly on the richness of the land.

H. S. MILLER & CO'S POTATO MANURE.

Guaranteed Analysis.

Ammonia, (derived from dried blood, Sulphate of Ammonia, Meat and Fish...	4.50 to 5.00
Phosphoric Acid, (available) derived from Animal Bone.....	8.50 to 10.00
Potash, (derived from high grade sulphate	7.00 to 8.00

Particular attention is paid in the manufacture of this Fertilizer, to have the different necessary plant food elements present in as many varying forms as possible. This is done with the view of supplying in the proper forms the plant food at every stage of growth. Many a crop proves a failure by reason of the want of a proper supply of food during the critical stage of the growth of this valuable crop. In the manufacture of this fertilizer, care has been taken to use potash as free as possible from chlorine, as it is thought by many, that the presence of chlorine in a fertilizer has the effect of reducing the starch formation. Nitrogen as supplied in Nitrate of Soda, and in Sulphate of Ammonia, are said to be among the most valuable source from which the ammonia can be derived, possessing special value, distinct and apart from each other. Phosphoric Acid is derived from animal bone, *Rock not used*, and nearly all the phosphoric acid is made soluble and available. The large farmers where this valuable crop is made a specialty, never think of using stable manure. The successful growers advise the chemical fertilizers, saying that the fertilizer not only produces a much larger crop, but that the potato is of a much finer quality; instead of scales, they are smooth and clean, and of course bring a much higher price on the market, and no farmer should think of growing a crop of potatoes, without a high grade fertilizer. In the use of these high grade fertilizers, care should be used at all times that the plant does not come in direct contact with the fertilizer. From two to four bags should be used per acre.

H. S. MILLER & CO'S PEACH FERTILIZER.

Guaranteed Analysis.

Ammonia, (derived from dried blood, Sulphate of Ammonia, Meat and Fish.....	2.00 to 3.00
Phosphoric Acid (available) derived from Animal Bone.....	8.00 to 10.00
Equal to Bone Sulphate.....	17.00 to 22.00
Potash, (derived from high grade sulphate.....	8.00 to 10.00

Repeated inquiries having been made by the farmer for a fertilizer containing food for his peach trees, manufacturers have with varied success placed upon the market a fertilizer designed to meet the wants of the tree. From careful study and much care in the manufacture of these goods, which are prepared particularly for the peach orchard, we believe that this fertilizer will prove successful in meeting the wants for which it was designed. It is a complete manure, and contains the necessary plant food in such proportion as to be most available. Every peach grower realizes the fact that, to make his grove a paying investment, he must feed the plant, as he would his cattle. The tree cannot flourish without food, which if not given, will wither and die, or else the fruit becomes of such an inferior quality, that with competition so close, there is no profit in shipping, and an inferior grade of goods never pays the shipper. If a tree be well fed, it rarely suffers from the yellows, and if well fed, often escapes the diseases to which the tree is subject. The fruit, instead of being as we said, of an inferior grade, will, if proper care be taken, be of the best, and for this there is always a demand. We feel, therefore, warranted in advising the peach grower to use on his orchard this fertilizer, which, by judicious use will insure a good crop. As to the quantity to be used, that depends much upon the condition of the soil, age, and condition of the tree. If the tree be young, 150 to 200 lbs. would suffice per acre, while the older or bearing trees would require from say, three to five lbs. per tree. The fertilizer should be scattered broadcast around the tree, the same as in the case of manuring all trees, which as a general rule, is to scatter around the tree as far as its branches extend, then thoroughly work in the fertilizer by harrowing; the more thorough this work is done, the quicker will the fertilizer act as food and become effective.

RIDGEWOOD, N. J., Sept. 14. 1888.

Mr. Clark, care of H. S. Miller & Co., Newark, N. J.

I think it is rather late, but for another year's trade I will handle five times the quantity that I did this year.
Great satisfaction all over.

Yours etc.,

J. T. ZABRISKIE.

H. S. MILLER & CO.'S LAWN FERTILIZER.

Guaranteed Analysis.

Ammonia, (derived from dried blood, Sulphate of Ammonia, Meat and Fish...	2.00 to 3.00
Phosphoric Acid (available) derived from Animal bone.....	7 00 to 8 00
Potash, derived from high grade sulphate,	3.50 to 4.00

The danger arising from the use of barnyard manure on Lawns, has caused a demand for a fertilizer containing plant food the same as stable manure, and yet free from obnoxious seeds. There are many advantages from the use of a chemical fertilizer over barn yard manure. In the first place, by the use of the fertilizer, there is no danger of an importation of seeds, the growth of sorrel, weeds, etc. The grass grown by the fertilizer is sought for by the cattle while cattle often refuse to touch grass over which manure has been spread. The question is so thoroughly understood and appreciated by the farmer and those having beautiful lawns which they desire to feed and not injure, that we think further comment unnecessary. This fertilizer, when used on the lawn should always be mixed before using, with equal parts of dry earth or plaster. To come in direct contact with the plant would injure it, but if mixed with some divisor, there is no danger of injuring the young plant; besides, another great advantage is, that you can much more evenly sow the fertilizer. The fertilizer may be used as a top dressing early in the spring or summer. It should in all cases be applied when the ground is damp, or better, just before a shower, should the season be dry. It would be advisable after sowing the fertilizer to use a hose and thoroughly soak the ground with water after the application. It requires from 200 to 300 lbs. per acre. On a lawn of say 1,000 feet, about thirty pounds.

GOLDSBORO, N. C., Aug. 21, 1888.

Messrs. Morris & Taylor:

DEAR SIRS—I have used H. S. Miller & Co.'s Guano this year, and think it the best on the market now.

Very truly, MARSHALL CONNIGIN.

H. S. MILLER & CO.'S VEGETABLE FERTILIZER.

Guaranteed Analysis.

Ammonia, (derived from dried blood, Sulphate of Ammonia, Meat and Fish...	4.50 to 5.00
Phosphoric Acid (available) derived from Animal Bone.....	8.50 to 10.00
Potash, derived from high grade sulphate.	7.00 to 8.00

This fertilizer is manufactured especially to meet the want of the truck or market gardener. It is a complete manure and contains all the required elements of plant food as contained in stable manure, though in a much more concentrated form. It may, however, be used in connection with stable manure. It is recommended for all early vegetables.

BEETS, CUCUMBERS, TOMATOES, MELONS,
TURNIPS, CABBAGE, ASPARAGUS,
ONIONS, &c.

On vegetables, the best plan is to sow the fertilizer broadcast. and rake or harrow in lightly. As it contains a large percentage of potash, the fertilizer should not be allowed to come in direct contact with the seed. We should not, therefore, advise the use of the drill in planting the seed with the fertilizer.

H. S. MILLER & CO.'S DISSOLVED RAW BONE.

Guaranteed Analysis.

Ammonia.....	2½ to 3 per cent.
Soluble and precipitated phosphoric acid.....	12 to 14 per cent.
Equal bone phosphate of lime rendered soluble.....	26 to 30 per cent.
Insoluble phosphoric acid.....	3 to 4 “
Equal bone phosphate of lime.....	6 to 8 “

Messrs. H. S. Miller & Co.:

DEAR SIRS—The Bone Meal Fertilizer, which I purchased of you, is the best I ever used. I used it on poor ground, for mangles, and I had a larger and better crop than on ground where I fertilized heavily with barnyard manure, and I would cheerfully recommend it to all who have not used it.

Very truly yours,

FRANK E. PARCELLS,

Nat Hurst Dairy, Summit, New Jersey.

Oct. 12, 1888.

Col. C. A. M. Martin, Prop.

H. S. MILLER & CO.'S RAW BONE PHOSPHATE.

Guaranteed Analysis.

Ammonia, (derived from Bone.....	2.00 to 3.00
Phosphoric Acid, (available) derived from Animal Bone.....	10.00 to 12.00
Insoluble.....	2.00 to 3.00
Sulphate Potash....	1.00 to 2.00

In the manufacture of this brand, we have taken great pains to give you a purely Raw Bone Phosphate. The bones are fresh from the butcher shops and slaughter houses. They have been steamed, then dried, and meat and bone ground together, with acid run through the mills; great care at all times being taken to make the manure in every respect first-class. The mechanical condition is very good. It is dry and in fine order, and no fear need be entertained in regard to its drilling quality. It will not gum or clog the drill. The fertilizer, therefore, being sown evenly, all parts of the field will be equally fertilized and the crop will grow uniformly throughout. This fertilizer is well adapted to seeding down, like the ground bone; it is a most profitable fertilizer for fruit trees and vines. It is also a most excellent fertilizer for grain; in fact, there is scarcely any case in which this brand cannot be used with great profit. The quantity to be used depends somewhat (as in the case of all manure) upon the richness of the soil. The average quantity we should advise, would be from 250 to 300 lbs. per acre.

WESTWOOD, Md., Oct. 10, 1888.

Messrs. H. S. Miller & Co.:

DEAR GENTS—I have used your goods this year, and they have given general satisfaction. I cheerfully recommend them to all good farmers as first-class fertilizers.

Yours respectfully,

J. BURNS WILSON.

H. S. MILLER & CO'S PURE BONE FLOUR.

Guaranteed Analysis.

Nitrogen from Organic Matter.....	3.00 to 3.50
Corresponds to Ammonia.....	3.50 to 4.00
Phosphoric Acid, Total.....	20.00 to 25.00
Corresponds to Bone Phosphate	47.00 to 52.00

This bone is ground very fine. It is strictly pure bone ground to the fineness of flour; it is adapted especially for mixing with soil for potting purposes, for which one part of flour to twenty-five of soil, is about the right proportion. There is no acid used in the manufacture of this brand. There is, therefore, no danger to be feared from its use, should the fertilizer come in direct contact with the tender roots of the plants. It is a brand very largely used by all prominent florists. A fertilizer giving vigor, strength, and color to the plant. A fertilizer which cannot be too strongly recommended to the scientific as well as amateur horticulturists. It is as well an excellent top dresser, or food for cattle or poultry. There are three grades manufactured for this purpose. Fine, medium and coarse. As food for poultry, the latter would be most desirable; Samples of either grade sent on application.

MORRISTOWN, N. J., May 11, 1888.

Mr. Clark, care of H. S. Miller & Co., Newark, N. J.;

DEAR SIR—I can sell some more of your Fertilizers at the same as I have been selling, but if I have to add, as you wrote me a few days ago, I do not know how it will be, as I sold nearly all I received from you before I got your letter, and *all that bought it like it very much, as it works so nicely in a drill.*

Yours respectfully,
J. M. FROST.

H. S. MILLER & CO.'S PURE BONE MEAL.

Guaranteed Analysis.

Nitrogen from Organic matter.....	4.11 to 4.95
Corresponds to Ammonia.....	5.00 to 6.00
Phosphoric Acid, Total.....	20.00 to 25.00
Corresponds to Bone Phosphate.....	47.00 to 52.00

Great care is taken in the manufacture of this brand. The fineness to which the bone is ground, and its general mechanical condition is unsurpassed by any other brand. It is absolutely pure bone, and is without admixture or treatment with any dryer, nitre cake or plaster. The fineness to which the bone is ground makes it available almost immediately after being incorporated with the soil. The phosphates being rendered soluble by the action of the water and organic acids in the soil, are, therefore, rapidly taken up as plant food. This brand of fertilizer was for many years widely known, and had gained a great reputation with farmers who desired a strictly pure, very fine bone meal. Of late it has not been placed upon the market to any great extent; the price asked not warranting its manufacture. We are now, however, prepared to manufacture this celebrated brand of Bone Meal, which is especially adapted to plants, cattle or poultry.

FORT HAMILTON, L. I., Nov. 8, 1888.

My Dear Mr. Langman,

I must write to thank you for the fertilizer of H. S. Miller & Co., and must candidly say it is splendid stuff. My ground, as you know, is very bad, and nothing in it—in fact, my tomato and vegetable marrow plants would not come to anything till I put some of this Fertilizer of yours round each of them, and then they improved wonderfully—so much so that I kept nearly all the village supplied. Remember me to Mr. Aspenall and all at home, also let me know how much I am indebted to you. Believe me,

Truly yours,

HARRY E. TROYFORD.

H. S. MILLER & CO.'S GROUND BONE.

Guaranteed Analysis.

Nitrogen from Organic Matter.....	2.70 to 2.90
Corresponds with Ammonia.....	2.00 to 3.00
Phosphoric Acid, Total.....	12.00 to 14.00
Corresponds to Bone Phosphate.....	26.00 to 30.00

This Fertilizer is, strictly speaking, a bone manure. Bone and meat being the only source from which we derive our phosphoric acid or Bone Phosphate. In the manufacture of these goods all the bones from the animal are used. We do not sort or pick out the hard from the soft bone, but use all the bone indiscriminately as they come from the animal. The bones used are mostly fresh slaughter house bone, boiled sufficient only to remove the meat and abstract the grease, thereby increasing the agricultural value of the bone by removing the fat, which otherwise would retard the decomposition of the bone in the soil.

This bone manure is a most valuable fertilizer for all crops. It is principally adapted, however, for seeding down fruit trees, vines, etc. This fertilizer should not be sown broadcast, without harrowing or lightly incorporating with the soil; otherwise, the bone being exposed to the atmosphere, the ammonia is liable to escape, and the benefits are to a greater or less extent lost to the crop. From 250 to 300 lbs. should be used per acre.

LAMOTTE, Md., Nov. 8, 1888.

Messrs. H. S. Miller & Co, Baltimore, Md.;

DEAR SIRs—Mr. Bay paid me for the Potato Fertilizer, and while the potato crop was not good in this part of the country, he is satisfied that your goods are excellent, and will likely want more in the spring. You struck an honest man when you struck Mr. Nat. Bay. Will settle with you when I come to Baltimore.

Yours truly,

L. A. J. LAMOTTE.

USE THE GROUND BONE—

For seeding down Meadows, Pasture Land and Lawns.

USE THE PURE BONE MEAL—

For seeding Down, Top Dressing, Flowers, Poultry and Cattle.

USE THE STANDARD—

For Wheat, Barley, Oats, Cotton, Corn, Potatoes and Tobacco, Garden Truck.

USE THE AMMONIATED DISSOLVED BONE—

For Barley, Cotton, Corn, Oats, Wheat and Buckwheat.

USE THE HARVEST QUEEN—

For Oats, Rye, Wheat, Barley, Buckwheat and Cotton.

USE THE CORN MANURE—

For Sweet Corn, Field Corn, Light Garden Truck and Potatoes.

USE THE HIGH GRADE "SPECIAL" VEGETABLE COMPOUND—

For early Garden Truck, when an exceedingly high grade manure is required.

USE THE VEGETABLE FERTILIZER—

For Tomatoes, Beans, Peas, Egg Plant, Celery.

BONE FLOUR FOR POTTING—

Cabbage, Cauliflower, Turnips, Onions.

USE THE PEACH TREE FERTILIZER—

For Peach Trees, Grape Vines. Strawberries, etc.

USE THE POTATO FERTILIZER—

For Irish Potatoes, Sweet Potatoes and Vegetable Truck

USE THE CHANTICLEER PHOSPHATE—

For Oats and Spring Crops.

USE THE LAWN FERTILIZER—

For Top Dressing, for Lawns, Grass Plots, Tennis Grounds, etc.

USE RAW BONE PHOSPHATE—

For seeding down Wheat and Rye, and General Use.

H. S. MILLER & CO.'S CHANTICLEER PHOSPHATE.

Guaranteed Analysis.

Moisture at 212° Fahr.....	14.00
Ammonia, (actual and potential).....	1.00 to 1.50
Available Phosphoric Acid.....	6.00 to 7.00
Insoluble " "	1.00 to 2.00
Potash (K ₂ O).....	2.50 to 3.00

This brand contains all the required elements of plant food. It is especially adapted for oats and spring crops. It is dry and will drill without clogging. 300 to 400 lbs. should be used per acre if drilled in with grain, or if dropped in the hill. If sown broadcast a larger quantity will be required.

NEWPORT, R. I., Nov. 20, 1889.

To Messrs. H. S. Miller & Co., Newark, N. J.:

GENTS—The Bone Meal that I got from you for my grapes, is the best I ever used. I cut grapes that weighed 5½ lbs. per bunch; and must say I had the best crop this year that I ever had. Please send me twelve barrels more.

WILLIAM FINDLAY.

Grape Grower and Florist.

To Geo. Irlam, Salesman to H. S. Miller & Co., Newark, N. J.

FRIEDENSBURG, PA., Nov. 29, 1889.

Messrs. H. S. Miller & Co.:

GENTLEMEN—I bought some of your Harvest Queen Phosphate from your agents, Heffer & Luchenbill. Used it on my grain last season, on very poor soil, but I have never had better looking grain this time of the year. I am highly pleased with results so far. I can recommend them to my neighbors, and shall use them in the future.

Yours respectfully,

DAVID FESSLER.

PEQUANNOCK, N. J., Dec. 9, 1889.

Messrs. H. S. Miller & Co.:

DEAR SIR—I used your Potato and Onion Fertilizer this season, and do say that it has done better for me than any other that I ever used. Do expect to use it again.

Yours truly,

H. HOSIER,
Wayne, N. Y.

TESTIMONIALS.

MACON, GA., Nov. 12, 1888.

*Messrs. H. S. Miller & Co., 202, 206 Buchanan's Wharf,
Baltimore, Md.*

DEAR SIRS—If we should send you testimonials from each planter who used your brands the past season, it would consume too much of the "Manual." We therefore give a list of some of the principal truck farmers, cotton and corn planters, to whom we sold some, and we can safely say that they are among the wealthiest, largest and best known planters in Georgia. We have heard *nothing* but the very *highest* praise from every one to whom we sold Miller's Fertilizers and have no trouble in making collections for same.

Yours truly,

RODGERS, WORSHAM & Co.

BIBB CO.

S. T. Coleman, Dry Goods Merchant and Planter, Macon.
Hardin T. Johnson, Grocery Merchant and Planter, Macon.
W. H. Jones & Son, Grocery Merchant and Planter, Macon.
Judge C. J. Harris, Planter, Macon.
W. H. Virgin, Capitalist and Planter, Macon.
J. G. Ruan, Cotton Buyer and Planter, Macon.
R. H. Plaut, Banker and Planter, Macon,
Harry S. Edwards, Novel Writer and Planter, Macon.
Edward Long Vegetable Gardener, Macon.
David Milne, Vegetable Gardener, Macon,
A. C. & T. G. Holt, Cotton and Corn Planters, Walden.
John T. Skipper, Cotton and Corn Planter, Walden.
Robt. Burkett, Cotton and Corn Planter, Burketts.
David & T. A. Clay, Cotton and Corn Planters, Macon.
M. M. Minshaw, Cotton and Corn Planter, Walden.
R. L. & G. W. Yates, Cotton and Corn Planters, Harts.
John Y. Lowe, Capitalist and Planter, Macon.
L. B. & A. D. Calhoun, Cotton and Corn Planters, Walden.
B. T. Ray, Cotton and Corn Planter, Macon.
H. H. Clark, Truck, Cotton and Corn Planter, Walden.
H. J. Berkner, Merchant and Planter, Macon.
G. W. & J. T. Barfield, Cotton and Corn Planters, Walden.
H. Luke Smith, Capitalist and Planter, Macon
J. A. Whitesides, Ginner and Planter, Rutland.
J. F. Lumsden, Cotton and Corn Planter, Lorraine.

W. B. Rodgers, Cotton and Corn Planter, Warrior
Ellerson Edwards, Cotton and Corn Planter, Macon.
C. W. Howard & Bro., Cotton and Corn Planters, Loraine
R. F. & T. R. Onsley, Cotton and Corn Planters, Macon.
S. C. Chambliss & Son, Cotton and Corn Planters, Harts,

Of course you will understand that all these P O. are
in *Bibb Co.*—Macon, Loraine, Walden, Warrior, Burkets,
Rutland, Harts.

CRAWFORD CO.

M. J. Moore, cotton and corn planter, Ceres.
E. E. Dent, cotton and corn planter, Knoxville.
H. S. Cansey, cotton and corn planter, Knoxville.
J. B. Long, cotton and corn planter, Knoxville.
J. L. Bryant, cotton and corn planter, Knoxville.

TWIGGS CO.

Dr. W. O'Daniel, cotton and corn planter, Bullards.
R. L. Harrison, Cotton and corn planter, Jeffersonville.

MONROE CO.

J. W. Newton, banker and planter, Forsyth.

JONES CO.

H. M. Moore, cotton and corn planter, James.
John Roberts, cotton and corn planter, Roberts.
T. H. Donnan, cotton and corn planter, Griswoldville.
McKay Bros., cotton and corn planters, Five Points
John Bradley, cotton and corn planter, Franks.
S. B. Glawson, cotton and corn planter, Five Points.
Dr. John Hardeman, cotton and corn planter, Haddocks.

HOUSTON CO.

A. J. Houser, cotton and corn planter, Fort Valley.
S. M. Bassett, cotton and corn planter, Powersville.
T. N. White, cotton and corn planter, Echeeconee.
W. P. Simmonds, cotton and corn planter, Byron.
Dr. J. M. Simmons, Seed grower, cotton and corn planter, Perry.
Dr. M. W. Havis, cotton and corn planter, Perry.
J. A. Smith, cotton and corn planter, York.
W. S. King, merchant and planter, Feagins.
Bright Harper, cotton and corn planter, Fort Valley.
J. H. Alien, cotton and corn planter, Fort Valley.
H. W. Mann, merchant and planter, Echeeconee.
Josiah Bass, cotton and corn planter, Echeeconee.
S. L. Norwood, cotton and corn planter, Perry.
Dr. J. P. Neuman, cotton and corn planter, Feagins.)

TAYLOR CO.

T. J. Amerson, cotton and corn planter, Reynolds.
J. A. Foster, cotton and corn planter, Reynolds.

GOLDSBORO, N. C., Aug. 21, 1888.

Messrs. Morris & Taylor:

DEAR SIRs—I think H. S. Miller & Co's Guano as good as any Guano on the market. My son used some of it this year.

Yours, &c., J. E. SUGG.

GOLDSBORO, N. C., Aug. 21, 1888.

Messrs. Morris & Taylor:

DEAR SIRs—I have used H. S. Miller & Co.'s Guano this year, and I would not lay it down for any that I ever used. My cotton has more balls out at this time than any I ever had.

Very truly yours, J. W. CARMARY.

MYERSVILLE, Frederick Co., Md., June 6, 1888.

Messrs. H. S. Miller & Co.:

Your letter and samples of Fertilizer received. They are very fine indeed. Your Ground Bone is much finer, and in better condition than you ever had before. *Please give me price of ground bone—and analysis. You will please ship me to Frederick 12 tons of Raw Bone—although I would prefer the steamed bone, as it acts quicker and is cheaper.* I hope to be able to sell largely of your goods this fall from the prospects of wheat generally.

Respectfully yours,

DANIEL V. HARP.

Please let me know when goods will arrive probably.

GAITHERSBURG, Md, Aug. 21, 1888.

Messrs. H. S. Miller & Co.:

GENTLEMEN—We have had some very favorable reports from your goods, but spring crops are not yet harvested.

Truly yours, etc.,

I. T. FULKS & Co.

MIDDLEBURG, N. C., Oct. 9, 1888.

Messrs. H. S. Miller & Co.:

DEAR SIRs—Yours Oct. 3d received few days ago. I will get up the certificates of farmers who used your Guano this year as they come to settle. Think I can get as many favorable to your stuff as you care to have. If you want them earlier than say 15th Nov. to 1st. Dec., let me know, and I will make effort to get them by the time you may want them. My own partiality to and faith in your goods may incline me to them, but I think the extent to which they have gained hold on the confidence of the fertilizing people generally, is not around meprecedented.

Very truly,

C. J. BURTON.

CHURCHVILLE, Md., Sept. 18, 1888.

J. B. Hanway, Esq., Joppa, Md.:

DEAR SIR—In answer to your inquiry of the 8th, in regard to the H. S. Miller & Co.'s Harvest Queen, we bought from you last spring, would say we are well pleased with the result. Applied it on tomatoes in hill between 400 and 500 lbs., also on corn, and have the best corn we have had for many years. Please ship to Aberdeen three tons of your Ground Bone I was looking at. I want it for wheat.

Yours truly,

C. COALE & BRO.

FRANKLINVILLE, Md., Sept. 11, 1888.

Mr. J. B. Hanway, Joppa, Md.:

MY DEAR SIR—I used your H. S. Miller & Co.'s Harvest Queen Fertilizer on my oats crop, and got 53½ bushels to the acre. I have two (2) fields of corn, on which I used the Harvest Queen, and they promise a large yield.

I am, very truly yours,

A. A. BLAKENEY.

September 14, 1888.

J. B. Hanway, Esq., Joppa, Md.:

DEAR SIR—In reply to your inquiry in reference to H. S. Miller & Co.'s Harvest Queen Phosphate, bought from you last spring, would say that I was as well pleased with it as any Fertilizer I ever used. I applied in hill for tomatoes, and had splendid results.

Yours truly,

GEO. ARCHER.

Wilna P. O., Hartford Co., Md.

DUDLEY, N. C., Aug. 18, 1888.

Messrs. Morris & Taylor, Goldsboro, N. C.:

DEAR SIRS—I used H. S. Miller & Co.'s Guano this year. It has done as well as any I ever used.

Respectfully,

J. P. O. BERRY.

DUDLEY, N. C., Aug. 18, 1888.

Messrs. Morris & Taylor, Goldsboro, N. C.:

DEAR SIRS—I used H. S. Miller & Co.'s Guano this year. It has given satisfaction.

Very respectfully,

R. J. O. BERRY.

DUDLEY, N. C., Aug. 20, 1888.

Messrs. Morris & Taylor:

SIRS—We used your Guano, Manufactured by H. S. Miller & Co., and think we can recommend it as a first-class fertilizer, equal to any we ever used.

C. HOLT, C. O. BERRY.

YAPHANK, L. I., Sept. 13, 1888.

Messrs. H. S. Miller & Co.:

I take pleasure in enclosing my check on the Seventh Ward National Bank, of New York, for \$——, for my account, which I trust will have your approval. I believe your fertilizers have given excellent satisfaction this season.

Very truly yours,

ROSWELL DAVIS

GOLDSBORO, N. C., Aug. 23, 1888.

Messrs. Morris & Taylor:

GENTLEMEN—I have given your H. S. Miller & Co.'s Ammoniated Dissolved Bone a *fair* trial by the side of Guano, and *could tell no difference*, which is saying a good deal for it, as it requires the best of guanos to keep apace with——.

Respectfully,

T. B. PARKER.

DUDLEY, N. C., August 18, 1888.

Messrs. Morris & Taylor:

DEAR SIR—I used H. S. Miller & Co. Guano and has done as well as any Standard Guano I have used.

Yours truly,

J. M. WIGGINS.

CHARLOTTE, N. C., Nov. 1, 1888.

Messrs. H. S. Miller & Co., Baltimore, Md.:

GENTS—You wrote us a circular letter some time ago asking us the results of Harvest Queen Guano. At the time it was received we had not made any inquiry of the customers who used it, and the letter was misplaced. We have been approached by a number of customers recently who used the Harvest Queen, and all of them speak in high praise of it—say it beats anything used by the side of it.

Yours truly,

J. G. SHANNONHOUSE & Co.

TEMPERANCEVILLE, Va., Sept. 1, 1888.

Mr. H. E. Byrd:

DEAR SIR—The ton of H. S. Miller & Co.'s Standard Fertilizer I bought of you, I used for Irish potatoes on very ordinary land. I harvested a fine crop of potatoes, and now have growing on same land a good crop of corn. I believe it the best Fertilizer for potatoes on the market. Shall use it next season.

Truly yours

D. H. DENNIS.

TEMPERANCEVILLE, Va., Sept 1, 1888.

H. E. Byrd:

DEAR SIR—The H. S. Miller & Co. Harvest Queen Fertilizer I got from you, I used on Irish potatoes, along side of a higher grade fertilizer, which cost \$42.00 per ton, as well as with mixture bone. The Harvest Queen did best of all in earliest crop and largest yield. I consider it the best Fertilizer on the market for early crops. Shall use it next season.

Respectfully,

C. DARNBRICK.

MURFREESBORO, N. C., Oct. 19, 1888.

Messrs. H. S. Miller & Co.:

GENTLEMEN—Yours of Sept. 24th to hand and contents noted, and would have answered long since but for the absence of the writer. Our crops being almost a total failure in our section this season, it is impossible for us to give you any report that might be of any advantage to you, but in the early part of the season we made inquiry as to your goods, and every report we had, was that your Guano was holding out with any.

Yours truly,

LAWRENCE & VAUGHAN.

NORFOLK, Va., Oct. 20, 1888.

Messrs. H. S. Miller & Co.:

SIRS— I bought some of your potato goods last spring, from W. W. Oliver, which I applied under my beans against higher grade goods, which proved to be quite satisfactory, and I feel sure your potato goods contains as near its money value as any goods we have on our market at the same price per ton. I have never bought any of your high grade goods.

Yours respectfully,

G. W. FRIZZELL.

129 Church St., Norfolk, Va.

YOUNGSVILLE, N. C., Oct. 10, 1888.

Messrs. H. S. Miller & Co.:

Yours received. If price and goods are kept as claimed, and as goods should, as the Field Test have been highly satisfactory, there is no reasons, if the goods are properly handled, but its sales will readily increase. It is so easy to get testimonials, I think the above the best means of permanency and success, yet I believe as you, that a few from those who are free, and really have influence will do good. I will attend your request with a view of mutual benefit.

Respectfully, W. B. ALLEN.

P. S.—I will need 50 tons or more.

OAK HALL, Va., Sept. 1, 1888.

H. E. Byrd:

DEAR SIR—The Harvest Queen Fertilizer, made by H. S. Miller & Co., that I procured of you acted finely for me on Irish potatoes. I consider it second to none on the market for early crops.

Respectfully,

JAMES O. JOHNSON.

SHORTERVILLE, Ala., June 4, 1888.

Messrs. H. S. Miller & Co., Baltimore, Md.:

GENTLEMEN—Your letter of inquiry received. Your goods, so far as we have heard, have given satisfaction, and we think it one of the best Guanos on the market. We have heard nothing of any Alabama State analysis.

Yours, &c.,

T. J. FARMER & Co.

BALTIMORE, April 6, 1888.

GENTLEMEN—Please ship Mr. T. I. Grahame, South Marlboro, three bags H. S. Miller & Co.'s Standard Phosphate—first class goods—*none of the old* * * * * * *truck*, to-morrow via Weems Line Steamers. Charge me.

Respectfully,

FRANK O. SMITH.

FREDERICKSBURG, Va., April 9, 1888.

Messrs. H. S. Miller & Co.:

GENTS—Please ship by to-morrow steamer five tons Harvest Queen Phosphate. The sample jars sent us by express have been received, as also the advertising matter. We are distributing the advertising matter and showing the samples to our customers. The latter are very pretty.

Yours truly,

WILLIS & CRISMOND.

Per Morton.

GOLDSBORO, N. C. Aug. 7. 1888.

Messrs H. S. Miller & Co., Baltimore, Md.:

GENTS—Yours of the first inst. received and noted. The reports of your goods so far are very favorable. Everybody seems to be well pleased with them. The seasons have been unfavorable, and crops are not as good as they would have been with more favorable season. We are very dry and crops are suffering for want of rain. Cotton—the weed is small but is doing very nicely. Fear the dry weather will make it shed. Will send you some certificates in a few days, and if our customers are all well pleased when the crop is gathered, we can get you any amount of them. Hoping that you may have favorable report from all sections from your goods, we remain,
Yours, MORRIS & TAYLOR.

WOODBINE, Pa., Aug. 17, 1888.

Mr. T. Z. H. Murphy:

Replying to your inquiry as to the use of the H. S. Miller & Co. Featilizer, procured of you this spring, would say that it has givtn me most excellent satisfaction on both corn and tobacco. I used it alongside of other goods, and it is ahead of it on both corn and tobacco. Shall use Miller's this fall on wheat.

WM. SHIRREY.

Farm Grove, Pa.

CLAYTON, Del., Oct. 29, 1888.

Messrs. H. S. Miller & Co., Newark, N. J.:

GENTLEMEN—Enclosed you will find amount of my account. I like your Fertilizer very well.

Yours truly,

(Signed) "W. D. HUDSON."

OFFICE OF W. D. DAY,
DEALER IN FANCY AND STAPLE DRY GOODS, CLOTHING }
NOTIONS ETC. }

(Agent for best brands of Guano.)

PERRY, Ga., Oct. 9, 1888.

Messrs. H. S. Miller & Co.:

In reply to yours received several days since have to say that the reports from your Guano, so far as I can hear, are good. I am authorized by Dr. M. W. Havis, who I sold to this season, to say that he wants nothing better in fertilizers than H. S. Miller & Co.'s goods, and I expect to use no other as long as I can get it. I could get others who would speak of the goods in the same terms.

Respectfully,

(Signed) "W. D. DAY."

Messrs. H. S. Miller & Co., Baltimore, Md.:

DEAR SIRs—Your favor of the 27th ulto. came duly to hand, but owing to sickness I failed to attend to it. I can say though, that so far as I have been informed, your Phosphate has given as good satisfaction as any I have ever sold.

Yours truly,

(Signed)

R. B. SALISBURY.

Hamilton, N. C.

UPPER X ROADS, Md, Sept, 29, 1888.

Messrs. H. S. Miller & Co., Baltimore, Md.:

DEAR SIRs—In reply to your inquiry asking how I am pleased with the fertilizer purchased of you last spring, I can say this, that on ten acres, where I used 250 lbs. of the "Harvest Queen" to the acre, I threshed out 425 bushels of oats I think this is doing very good.

Yours truly,

(Signed)

"JOHN A. LAMB."

HOLLYVILLE, Del., Oct. 27, 1888.

Messrs. H. S. Miller & Co., Baltimore, Md.:

DEAR SIRs—Herewith I give you my check for \$—— on account. I believe your Bone and Fertilizer to be the best on the market.

Yours,

(Signed)

"B. C. PRETTYMAN."

HEATH, Oct. 4, 1888.

Messrs. H. S. Miller & Co.:

DEAR SIRs—Inclosed find check for \$——, amount of your bill of Sept. 15th. The goods were fine, I think the bone will sell well. All has been used except one barrel, which I have as a sample.

Respectfully,

E. L. GRIFFIN, Heath, N. Y.

GOLDSBORO. N. C., Aug. 8, 1888.

Messrs. Morris & Taylor, Agents:

SIRs—In compliance with your request, I have to say of "H. S. Miller & Co's A. D. Bone Fertilizer," that so far as I am able to judge of its merits, at this time, it now being to early too pass final judgment, that it is one of the finest—if not the best—manipulated fertilizer now on our market. I have one premium acre treated to 500 lbs. of the aforesaid fertilezer, that I planted May 22nd, which is now 3½ feet high, and four feet broad—on an average, still

green and growing. I have three or four acres treated to 167 lbs. per acre, that is also green and growing finely—the above mentioned lots of cotton is fully equal to others where raw ground bone was used in same quantity,

Respectfully,

ABBOT L. SWINSON.

T. J. FARMER & Co.,
DEALERS IN GENERAL MERCHANDISE, FANCY AND
FAMILY GROCERIES.

SHORTERVILLE, Ala., Oct. 22, 1888.

Messrs. H. S. Miller & Co., Baltimore, Md.:

DEAR SIRS—Replying to yours of recent date, the goods have given universal satisfaction, and all who used them last season express an anxiousness for the same goods for their next crop. We hope to be able to use it almost absolutely in our trade. We shall want to order out early.

Yours, etc.,

(Signed)

"T. J. FARMER & Co."

GOLDSBORO, N. C.

Messrs. Morris & Taylor;

GENTS—I have used H. S. Miller & Co.'s Guano this year, under my cotton, by the side of good compost, and find it ahead of the compost. I think it a fine fertilizer for cotton.

Yours truly,

JAMES ROSE.

Shine, N. C., Aug. 18, 1888.

Messrs. Morris & Taylor, Goldsboro, N. C.:

GENTS—I have used four different brands of commercial fertilizers this year, and think H. S. Miller & Co.'s is first of them all. Owing to the very dry season, crops are not looking as well as they would, could we have had good rains.

Yours truly,

A. J. ROWE.

Bull Head, N. C., Aug. 18, 1888.

P. S —There was such a bundle of these certificates, we just send you a copy to make a smaller bundle.

MORRIS & TAYLOR.

NORFOLK CO., Va., Aug. 4, 1888.

H. S. Miller & Co., Baltimore, Md.:

Mr. James Twiford says he used Potato Guano on oats with very satisfactory results.

W. W. OLIVER.

LEVEL P. O., Md., Oct. 31, 1888.

Jos. B. Hanway, Esq., Joppa, Md.:

DEAR SIR—Yours received, and in reply would say the corn was planted on 22nd of June, about 14 acres. I applied 400 lbs. of H. S. Miller & Co.'s Fine Bone Meal to the acre, broadcast, and 200 lbs. of H. S. Miller & Co.'s Harvest Queen Phosphate in the hill. I raised 54 tons and 500 pounds of corn. The Phosphate ran out before we quite finished; that left a few rows without Phosphate. We could see considerable difference in the corn during the growing. The rows of corn that had no Phosphate was much smaller and quite irregular. I believe my crop of corn was very much increased by the use of the Phosphate. It was the second year the field had been in corn.

Yours truly,

(Signed) _____ "J. F. KENLY."

BRUNSWICK, Ga., April 30, 1888.

Messrs. H. S. Miller & Co., Baltimore, Md.:

GENTLEMEN—Yours of 14th (circular) inst. is received and noticed. You may have no fears—the analysis speaks for itself.

Yours truly,

LITTLEFIELD & TISON.

SALISBURY, Md., July 17, 1888.

Messrs. H. S. Miller & Co., Baltimore, Md.:

GENTS—I used some of your Standard Phosphate under potatoes last spring, and am well pleased with the results. I had more and better potatoes where I used your Standard than where I used other goods.

HUGH J. PHILLIPS.

MOUNT AIRY, Md., Aug. 21, 1888.

Messrs. H. S. Miller & Co.:

GENTLEMEN—Replying to yours of 20th inst., we have to say that, as far as has come to our knowledge, your goods have given entire satisfaction to our customers, and we believe will be very popular with them in the future.

Yours truly,

A. ANDERSON & Co.

SALISBURY, Md.

Messrs. H. S. Miller & Co.:

GENTLEMEN—Your favor received, and as requested will state that I used your Standard Fertilizers upon my Irish potatoes with better results than from any other like priced

goods. We could see a marked difference in vines, and more so in the potatoes. I will, another season, use it exclusively, and will recommend it to my friends as the best I ever saw or used.

Oct. 9th, 1888.

Yours respectfully,

HUGH J. PHILLIPS.

NEW BERLIN, N. Y., Nov. 5, 1888.

H. S. Miller & Co.:

DEAR SIRs—Find inclosed, check for four hundred and seven dollars and ninety-one cents (\$407.91). Please to acknowledge same. *The goods gave good results, and patrons well satisfied. The potatoes and corn were the best.*

Yours truly,

J. S. WOODARD.

DUDLEY, N. C.

Morris & Taylor, Goldsboro, N. C.:

GENTS—I think H. S. Miller & Co's Guano is as good as any I ever used. Expect to use it another year if I use any.

Aug. 18, 1888.

J. G. HOLLOWELL.

Morris & Taylor, Goldsboro, N. C.:

DEAR SIRs—It is too early for me to say how the H. S. Miller & Co.'s Guano will turn out, but so far, I am well pleased with it. I like it as well as any I ever used. All my neighbors are pleased with it.

Yours truly,

J. B. COROWAY.

Snow Hill, N. C., Aug. 16, 1888.

GOLDSBORO, N. C.

Morris & Taylor:

GENTS—I used H. S. Miller & Co.'s Guano this year under cotton, and think it as good as any fertilizer I ever used.

Yours truly,

A. M. TAYLOR.

Shine, N. C., Aug. 18, 1888.

BULL HEAD, N. C., Aug. 17, 1888.

Messrs. Morris & Taylor, Goldsboro, N. C.:

GENTS—I used H. S. Miller & Co.'s Guano this year (1888) for the first time, and can say it is as good as I ever used, and far superior to some other brands.

Yours truly,

R. W. TAYLOR, JR.

Mr. Geo. W. Francis, of Sweet Air, Md., reports that he used H. S. Miller & Co.'s Harvest Queen Phosphate on $4\frac{1}{2}$ acres of tomatoes, and had a yield of over 400 bushels to the acre. Most of the vines yielded one-half bushel to the vine. Those who saw the crop considered it to be the finest and largest in the neighborhood. Mr. Francis also used the same goods on his potatoes, oats and buckwheat, and says that he wants nothing better.

NORFOLK Co., Va., Aug. 4, 1888.

H. S. Miller & Co., Baltimore, Md.,

GENTS—Mr. A. J. Dozier says he has used three grades of goods of higher price, and yours gave best results, and is well pleased..

W. W. OLIVER.

To H. S. Miller & Co., Newark, N. J.:

Having used your Bone Fertilizer for a trial, I can say it is equal to the highest priced Fertilizers of other firms, and must say I will have more from you for my spring crops.

For Sir R. W. Cameron.

THOMAS JENKINS.

Clifton Farm, Staten Island.

October 23d, 1888.

To H. S. Miller & Co., Newark, N. J.:

Having used your Fertilizer for a trial, I can say it is equal to any of the highest priced Fertilizers of other firms, and must say I will have more from you for my spring crops.

H B. CLARK.

Per Fairview Farm, Garrestsons, S. I.

Oct. 23, 1888.

G. & H. B. Cromwell, Prop.

WESTFIELD, N. J., Oct. 20, 1888.

H. S. Miller & Co.:

DEAR SIRs—I will state that the Standard Phosphates purchased of you last spring were used on corn, oats and potatoes, and in each case gave perfect satisfaction, the crops being very heavy, I think, without doubt, the largest in the county.

Yours truly,

S. COOPER, M. D.

BEL AIR, Md., August 29, 1888.

H. S. Miller & Co., Baltimore, Md.:

GENTLEMEN—The past spring I bought from W. Smithson Forwood, five (5) tons each of your Ground Bone and Harvest Queen Phosphate. I used them on my sugar corn beside other brands, and they have given me entire satisfaction. I have a yield of sugar corn which was planted

July 4th, and is now looking first-class, so far, think it will equal any I have. The goods are all you have claimed for them and were in first-class drilling condition. I freely recommend them to my brother farmers.

Yours respectfully.

GEO. F. WALKER.

GREENSTONE, Md., Aug., 1888

H. S. Miller & Co., Baltimore, Md.:

GENTLEMEN—I bought $1\frac{1}{2}$ tons each of your Harvest Queen Phosphate and Ground Bone from your agent, Mr. W. Smithson Forwood, and applied the same on my sugar corn. I am now pulling my corn, and find it to be as good as any I have ever grown, and am well pleased with your Fertilizers, and will use them on my wheat this fall. I believe the goods to be all you claim for them.

Yours truly,

EDWIN H. KLAIR.

NORFOLK, Co., Va., Aug., 4, 1888.

H. S. Miller & Co., Baltimore, Md.:

Mr. Geo. W. Frizzell, says he used Potato Guano on beans, and was highly pleased with it.

W. W. OLIVER.

DUBLIN, Md., August 28, 1888.

H. S. Miller & Co., Baltimore, Md.:

GENTLEMEN—I bought from your agent, Mr. W. Smithson Forwood, three (3) tons of your Ground Bone and sowed it broadcast on my corn the past spring. My sugar corn is the best I have ever seen grow, and can safely say I will get over three (3) tons per acre. My field corn is as good as I have grown in 35 years. I attribute the yield to the use of your Fertilizer. I regard these goods as being first-class, and willingly recommend them to my neighbors. I have given Mr. Forwood my order for fall goods, and beg to say that I shall continue to buy your Bone so long as it is kept up to the standard.

Respectfully yours,

CHARLES CREW.

SUCCASUNNA, N. J., Aug. 2, 1888.

Messrs. H. S. Miller & Co.:

DEAR SIRS—I will state your Fertilizer is not only good but is the best article of its kind I ever saw. Tell Clark, your traveling agent, I would like to show him some of the great results from the use of this Fertilizer, if he comes near this place any time this season. I have orders for

more Fertilizers this fall, from the fact that the farmers here presume it to be the best grade they ever used, and I am thoroughly convinced of its value for practical use.

Yours truly,

R. FITZHERBERT.

SAGG, Nov. 26, 1888.

H. S. Miller & Co.:

DEAR SIRs—I used your Standard Fertilizer on oats with very good results; also your Corn Fertilizer for corn with satisfaction. With your Potato Fertilizer I raised more potatoes per acre than I ever raised with any fertilizer before, as high as four hundred bushels per acre, with an average of three hundred and fifty.

Respectfully yours,

WM. WALLACE HILDRETH.

Sagg, Suffolk Co., L. I.

BAY SIDE, Princess Anne Co., Va., }
Nov. 24, 1888. }

We, the undersigned, have used the Pure Animal Bone Fertilizers, manufactured by H. S. Miller & Co., and sold by W. W. Oliver, of Norfolk County, and we have found them to be first-class in every particular, and we shall continue to use them so long as they are kept up to the present high standard of excellence:

G. H. H. WOODHOUSE,
A. J. DOZIER.
JAS. TWIFORD,
W. W. WHITEHURST,
E. R. LOVETT,
S. K. ODELL,

JOSIAH WOODHOUSE,
J. E. ABSALOM,
W. T. JAMES.
L. W. T. LAND,
GEO. W. FRIZZELL,
JOSIAH WOODHOUSE, JR.

FRANKLINTON, N. C., Dec. 17, 1888.

Messrs. H. S. Miller & Co., Baltimore, Md.:

GENTS—Replying to-yours of the 14th, in reference to the results of "Harvest Queen" this season, will say, be: low please find list of names to whom I sold and refer. Most of them expressed themselves well pleased, and say if the price is right, they will use it again next year.

S. C. Kearey,	Franklinton, N. C.
W. A. Thompson,	" "
J. Y. Moss,	" "
J. G. Staunton,	" "
Miss Betsy Peace,	" "
Sim Cannody,	" "
C. W. Cannody,	" "
A. B. Wester,	" "

W. J. Mitchell,	Franklinton, N. C.
James Toyburn,	" "
J. S. Joyner,	" "
L. W. Joyner,	" "
R. H. Allen,	" "
Geo. Hatch,	" "
A. J. Maton,	" "
B. F. Cook,	" "
Calvin Outlaw,	" "
J. O. Green,	" "
J. Sam Fuller,	" "
G. D. Thompson,	" "
W. P. Montgomery,	" "
Geo. Winston,	" "
N. Long,	" "
J. A. Porter,	" "
I. J. O'Dear, Mt. Energy	
T. H. Griffin, Franklinton,	
W. P. White, <i>and many others.</i>	

Yours truly, W. L. McGhee.

ROYAL P. O., N. C., Dec. 15, 1888.

W. B. Allen, Esq., Youngsville, N. C.:

I used H. S. Miller & Co.'s Phosphate on cotton this season. I made no actual test, but consider it very good.

T. S. CHARMAICHEL, P. M.

YOUNGSVILLE, N. C., Dec. 15, 1888.

W. B. Allen, Esq.:

I used H. S. Miller & Co.'s Phosphate for the past season, which I found as good as any. It was not a year suitable for any fertilizer.

W. J. ALFORD.
For B. M. MOORE.

P. S.—Messrs. Miller & Co.—The main certificate I will send as soon as received, which was by an observer of actual test. I send above two quite influential persons.

W. J. A.

HAMPSTEAD, Md., Dec. 12, 1888.

A. J. Houck, Esq.:

This is to certify that I used H. S. Miller Co.'s Harvest Queen Phosphate by the side of other higher priced goods, and found them to be better goods.

Very respectfully,

CHRISTOPHER SHULKOGEL.

CUTHBERT, GA., July 3, 1889.

Messrs. H. S. Miller & Co., Baltimore, Md.:

GENTLEMEN—Please send me at once a statement in full of all shipments made to me during past season. Give date of shipment and brand. I want to make a comparison before I send you list of notes and statement in full. We are having rain now, and cotton is doing finely. Your goods are on top so far. Customers are delighted.

Yours truly, O. A. BARRY.

CRISFIELD, MD., June 24, 1889.

H. S. Miller & Co.:

GENTS—Please send to my address one bag of Potato Fertilizer. I want to try it on my late potatoes by the side of other Guano. I tried it on my early crop with success. Send bill, and I will remit at once.

Respectfully yours, W. T. LAWSON.
Crisfield, Md. Lock Box 11.

P. S.—I would like to try some of your Fertilizer on my late cabbage. What is the best for it? If you have anything good for cabbage that you can recommend, send me a bag.

Very truly, W. T. L.

LAURELL FARM, WEST ORANGE, NEW JERSEY, }
June 26, 1889. }

Messrs. H. S. Miller & Co.:

GENTS—We top-dressed our meadows with your Pure Ground Bone after mowing last season, and it has given us double quantity of splendid timothy this year. In some places we have so much that we can scarcely cure it on the ground, and will yield about three tons to the acre. So much for Pure Bone.

Yours truly,

STANLEY WINGETT,
Manager.

PERRYVILLE, O., June 1, 1889.

H. S. Miller & Co.:

GENTLEMEN—The barrel of Phosphate you sent me last fall I sowed alongside of two other brands, and I see this Spring that your Phosphate is the best, it makes the best showing.

Yours respectfully,

J. P. JONES.

OAKLAND, MD.

Messrs. H. S. Miller & Co.,

202 Buchanan's Wharf, Baltimore, Md.

DEAR SIRs—Replying to your inquiry, I would say, that any one producing from Mother Earth, such as grain, hay, vegetables or flowers, should see that an equivalent food is returned to the soil, so as to get the best results. We have found your Standard Bone Fertilizers to be as good as any we can get, as it does not stimulate the soil too much for one crop, and exhaust it for the next as most guanos do.

Yours truly,

HENRY WEBER.

CHAPTICO, ST. MARY'S CO., MD., May 18, 1889.

Messrs. H. S. Miller & Co.:

DEAR SIRs—So far as I can learn from my customers, your goods have given entire satisfaction. For tobacco, the preponderance is largely in favor of your goods over the many others I sell. My orders have largely increased on your Ground Bone for wheat, and Standard for tobacco.

Very respectfully,

Dealer in Fertilizers.

A. BURROUGHS.

CHAPTICO, ST. MARY'S CO., MD., May 19, 1889.

Messrs. H. S. Miller & Co.:

GENTLEMEN—I am pleased to write you that I used, last fall, in my wheat crop, your Harvest Queen, bought of Mr. A. Burroughs, also other fertilizers in the same field, bought at much higher prices, yet the showing at this time is decidedly in favor of your goods. I have not used the Standard for tobacco, but from what I have seen of my neighbors' crops, who have used it, I am pleased with the results, and shall use it this year myself.

Yours very respectfully, GEORGE C. HAYDEN.

OAKVILLE, MD., May 18, 1889

Mr. A. Burroughs, Chaptico, St. Mary's Co., Md.:

DEAR SIR—Yours to hand: What you claim in reference to the H. S. Miller & Co., Fertilizer, is quite true, for I have used it myself, and sold it to others with good results, but I am not in that business now, and don't care to resume it yet.

Yours very truly,

I. T. PARSONS.

WESTFIELD, N. J., Jan. 1, 1889.

H. S. Miller & Co.:

DEAR SIRS—I will state that the Corn Fertilizer purchased from your agent, D. T. Pierson, last spring was as good as I ever used on corn. I planted my corn on the twenty-ninth day of June, which was very late. If the frost had been ten days later I would have had as large a crop as any one in the county. Will use more another year.

H. S. WILLOUGHBY.

WESTFIELD, N. J., Jan. 1, 1889.

H. S. Miller & Co.:

GENTLEMEN.—Having used your Corn Fertilizer for a trial, I can say it gave satisfaction, and will use more.

Yours,

J. W. CORY.

WESTFIELD, N. J., Jan. 1, 1889.

H. S. Miller & Co.:

GENTLEMEN.—Have used your Potato and Corn Fertilizers. I am well pleased with the result they gave me. Will use more another year

H. M. WYCKOFF.

Messrs. H. S. Miller & Co.:

PATCHOGUE, L. I.

Referring to the lawn upon which your fertilizer was used last season, I wish to state that it produced a very heavy, thick body, of deep green color, and was in every way a perfect success.

Respectfully,

GEO D GERARD.

J. H. Sheridan, Chases Station, Md.:

DEAR SIR—In reply to your inquiry have to say I used three tons of H. S. Miller & Co.'s Standard Phosphate last spring, and by the results obtained I consider them first-class goods, and shall use at least five tons next spring.

Yours truly,

(Signed)

"N. W. BRIAN."

RHEINBECK, February 13, 1889.

To H. S. Miller & Co, Newark, N. J.:

The Bone Flour, etc., that I got from you was the very best that I ever used, and must say that I shall use no other but yours for the future. I strongly recommend it to every one for use. I am

Yours truly,

JAMES BOYD.

Gardener to Levi P. Morton, Vice Pres. U. S. A.

WESTFIELD, N. J., Jan. 1, 1889.

H. S. Miller & Co.:

GENTLEMEN—I bought of your agent, D. T. Pierson, one-half ton of your Corn Fertilizer, and one-half ton of your Harvest Queen Phosphate. I used them on corn. I had a good crop from both, and I do think that your Corn Fertilizer is the best that I have ever used. Will use it again.

Respectfully,

E. M. PIERSON.

WESTFIELD, N. J., Jan. 1, 1889,

H. S. Miller & Co.:

GENTLEMEN—I bought of your agent, D. T. Pierson, one-half ton of your Harvest Queen Phosphate, and used it on corn. I had a large crop; the best I ever raised. Shall use it again.

Very truly yours,

O. B. PEDDIE.

WESTFIELD, N. J., Jan. 1, 1889.

H. S. Miller & Co.:

GENTLEMEN—I used 250 lbs. of your Harvest Queen Phosphate on buckwheat, and had a good crop, owing to the wet season, and am well pleased with it; will use it another year.

Yours truly,

ROBERT WOODRUFF.

WESTFIELD, N. J., Jan. 1, 1889.

H. S. Miller & Co.:

Having used your Standard and Harvest Queen Phosphates on potatoes, oats and corn, and in each case gave perfect satisfaction, the crops were very large. I will freely recommend them to other farmers, and will use more this spring.

Yours truly,

C. M. PIERSON.

FANWOOD, N. J., Jan. 1, 1889.

H. S. Miller & Co.:

Having used your Harvest Queen Phosphate for a trial, can say it gave me good results, and am well pleased and will use more.

Yours,

S. HETFIELD.

FANWOOD, N. J., Jan. 1, 1889

H. S. Miller & Co.:

GENTLEMEN—Having used your Harvest Queen Phosphate and Corn Fertilizer as a trial on potatoes, oats and corn, can say gave entire satisfaction. If you will make your goods as good as you have, I will use more this spring.

Truly yours,

S. D. SCUDDER.

ST. CLEMENTS BAY, St. Marys Co., Md., }
June 24, 1889. }

Messrs. H. S. Miller & Co.:

GENTLEMEN—I bought, last Fall, of Mr. A. Burroughs, Chaptico, Md., one ton of your Ground Bone for wheat, on the 85 bu. seed. I thought I would use several kinds of Fertilizers by way of experiment. I found the Ground Bone to drill well and regularly, and the growth of wheat, where used, superior to any in my field. I think this is the Fertilizer our lands need for improvement, and have no hesitancy in recommending its use to my neighbors.

Yours very respectfully,

WM. F. SAXTON.

ROLLER, MD., July 26, 1889.

Messrs. H. S. Miller & Co.:

GENTLEMEN—After having used your Pure Raw Bone for several seasons, I find it superior to any Bone I have ever used, and your Harvest Queen paid me better than any phosphate I ever used in grain and grass. I had the best field of wheat in my neighborhood, and I never had a better stand of timothy and clover. Will use no other hereafter.

Yours respectfully,

JOHN H. HILKER.

HYDE, Baltimore Co., Md., June 26, 1889.

Messrs. H. S. Miller & Co.:

DEAR SIRS—I used your Harvest Queen on tomatoes and I have the finest in this section. I want nothing better.

Yours respectfully,

JESSE DILWORTH.

STEPHENSBURG, N. J., July 27, 1889.

Mr. Robt. A. Osmon:

MY DEAR SIR—Please accept my order for 6,000 (six thousand) lbs. of H. S. Miller & Co's Harvest Queen Phosphate. By the use of these goods I can winter wheat on ground that would not otherwise do it.

P. S.—Of the three Fertilizers of different makers used last year, the Harvest Queen was about 30 per cent. the leader.

Yours respectfully,

H. H. HANCE.

NORTHPORT, N Y., June 26, 1889.

H. S. Miller & Co.:

DEAR SIRs—Yours of the 21st at hand. Have sold all your goods. Will send you a check for the amount soon after the first. Can send it any time, but will collect the balance due me on the goods the first, if you are not in need of it. To the best of my knowledge, the goods have given good satisfaction so far.

Yours respectfully, C. J. WICKS.

CLIFTON FARM, STATEN ISLAND, June 24, 1889.

Messrs. H. S. Miller & Co.:

DEAR SIRs—I am very much pleased with your Fertilizer, as I gave it a fair trial alongside other higher priced fertilizers, and it is ahead with both the corn and potatoe crop, so I can fully recommend it to my neighbors in the future.

Yours truly, THOMAS JENKINS.

COLUMBIA, ALA., July 3, 1889.

Messrs. H. S. Miller & Co., Baltimore, Md.:

DEAR SIRs—Yours of the 27th received with enclosure as stated. So far the goods I sold for you have given very good satisfaction. Every one that I have seen express themselves as perfectly satisfied. Our crops are better than I have ever seen before up to this time.

Yours truly, JNO. T. DAVIS, JR.

NASSAWADOX, VA., June 24, 1889.

Messrs. H. S. Miller & Co.:

DEAR SIRs—Mr. John R. Tankard says that he has used your 10 per cent. goods by the side of a \$60 goods, and he sees no difference, and he considers your Guano No. 1.

Yours truly, W. E. THOMAS.

BETHLEHEM, June 26, 1889.

Messrs. H. S. Miller & Co.:

SIRs—Enclosed please find notes of \$362.50, each signed and dated as per yours of same. I made them a little later, as the crops are later than usual, though I think Miller's will be the *Guano of the day*. Hope all is O. K., and oblige,

A. B. ADKINS

SELMA, N. C., March 16, 1889.

Messrs. H. S. Miller & Co., Baltimore, Md.:

GENTLEMEN—Ship us ten tons Harvest Queen, to Kenly, N. C., and ten tons Harvest Queen, to Selma, N. C. They are nice goods, and we think that we will have good trade on them.

Respectfully,

WINSTON BROS.

We will handle your goods and make specialty of same.
W. B.

ARCADE, N. Y. June 8, 1889.

H. S. Miller & Co.:

GENTLEMEN—Your samples received with one broken one; but as we have no fall trade on Phosphate, we will need no more at present. The parties we sold your goods to are well pleased with the way they work. We will be able to sell more another Spring.

Respectfully, TISDALE & YULE.

ORANGEVILLE, MD., June 14, 1889.

Messrs. H. S. Miller & Co., Baltimore, Md.:

DEAR SIRs—Replying to your inquiry as to how I am pleased with the results of your Harvest Queen Phosphate, will say that I used it at the rate of 200 lbs. to the acre, with one bushel of seed peas, and harvested as good a crop as I ever raised since I've been trucking. I believe in your goods and recommend all my friends to use them.

Yours truly,

(Signed.)

W. D. MEEK.

PATAPSCO NECK, MD., June 8, 1889.

Messrs. H. S. Miller & Co., Baltimore, Md.:

DEAR SIRs—In reply to your inquiry will say that your Standard Phosphate has given me general satisfaction. I used it on peas; 3 bags to a bushel of seed, realizing 100 bushels of peas to the bushel of seed planted. I used Canada seed. I consider your Phosphate second to none, and do not hesitate to advise all planters and truckers to use it liberally, as I find that no matter how heavily applied, it will not injure the most tender seed or plant.

JOHN W. SPARKS.

WHITAKERS, N. C., March 11, 1889.

Messrs. H. S. Miller & Co.:

GENTLEMEN—I used your Ammoniated Dissolved Bone Phosphate on cotton and corn last year, and am well pleased with its results. I want to use it this year. What will you deliver me ten tons at my depot for, in cotton or money, payable in the fall; say November. There is no agent for your goods in my place. I am the only man in the neighborhood that used it last year. I think it good, and am anxious that my neighbors should use it. I have for a long time used the Guano, and found it very good. I think yours equally as good, if not better for my soil. An early reply, please.

I remain yours respectfully,

J. L. HORNE.

P. S.—Mr. Farmer has arranged with Mr. Alex. Green of Wilson, who has a store at Whitakers, and he, Mr. G., will call on you in reference to the purchase of our goods, which we trust will be satisfactory.

REST, VA., April 24, 1889.

H. S. Miller & Co.:

DEAR SIRS—Your letter received a few days back, and contents noted in regard to your Fertilizer. I will put it out this Spring. I am going to use it myself. There is very little of it used on corn in this neighborhood. Prospects good for wheat. Your Fertilizer, as far as I have seen it, is second to none. I will be down before a great while and will call and see you.

Yours respectfully,

A. J. RIDGEWAY.

WATER VIEW, VA., June 17, 1889.

Messrs. H. S. Miller & Co.:

GENTS—Please send me by return steamer, one ton of Harvest Queen Guano. The bag of Standard Guano I purchased of you, is acting like a charm on my Irish potatoes. I only used one bag on my potato crop, and from present prospects, I would not take twenty-five dollars for my crop. I expect large sales next Fall and Spring.

My potato crop is said by my neighbors to be the best in the neighborhood.

Yours respectfully,

J. W. CALLIS.

UPPER CROSS ROAD, Harford Co. }
July 28, 1889. }

Messrs. H. S. Miller & Co.:

DEAR SIRs—Mr. Alexander McComas, Taylor P. O., says; he can not speak too highly of it, and is going to use it this Fall again. Queen and Bone is what he used.

MR. DENIS LYNCH used the Standard and says the same of it, and is going to use it this Fall again. Taylor P. O.

MR. JAMES HANLAN has been using.....for several years and thinks yours superior, and is going to use it this Fall. Upper Crossroads Harford.

MR. TURNBULL, Upper Crossroads, says he used 250 lbs. to an acre of Harvest Queen, and had the best field of wheat in the neighborhood, and I have made several sales on account of his crops of wheat. Will use it again.

MESSRS. MORGAN & BRO., Upper Crossroads, used Standard and intend to continue on using it as long as it does so well. Will use it again this Fall.

MR. ALENDER & BROTHER, Fork P. O., Baltimore Co., used Standard and Bone, and can not speak too well of it, and are going to use it again.

You can use my name and my brother, Charles Lamb's,

Yours respectfully, JOHN A. LAMB.

PORT MURRAY, N. J., July 30, 1889.

R. A. Osmun:

DEAR SIR—The Harvest Queen Fertilizer, made by H. S. Miller & Co., that I procured of you, gave me the best of results on my rye and wheat. I consider it second to none on the market.

Respectfully,
A. HANN.

STEPHENSBURG, N. J., July 30, 1889.

Messrs. H. S. Miller & Co.:

I enclose you two testimonials from parties who have used our goods. Could get one from every person, but think this enough, as all who have used them echo the same sentiment.

Yours respectfully,
R. A. OSMUN.

MIDDLEBURG, MD., Feb. 22, 1889.

Messrs. H. S. Miller & Co.:

DEAR SIRs—The Potato Manure I got of you last year, was very satisfactory; although the dry weather caught my crop at the worst possible time and cut it short to what it would have been, but the yield was just exactly double where I put your Potato Manure. Shall use it again.

Yours respectfully,

J. D. ENGEL.

COEYMANS JUNCTION, N. Y., April 1, 1889.

Messrs. H. S. Miller & Co.:

There is quite a call for the Phosphate this Spring. I have got most of what I had on hand, engaged for Spring trade. I think it is going to out-sell all other brands. All who have used it speak very highly of it.

Yours respectfully,

J. MADISON NORRIS.

CHARLOTTE, N. C., March 16, 1889.

Messrs. H. S. Miller & Co., Baltimore, Md.:

GENTS—Ship us a car load of Harvest Queen. We have orders now to take all the 20 tons enroute, which have not been received yet. The sales for Ammoniated Guano, thus far, is far greater than for several years, but sales on Acid Phosphate will be less.

Yours truly,

J. G. SHANNONHOUSE & Co.

COVINGTON, GA., March 11, 1889.

Messrs. H. S. Miller & Co., Baltimore, Md.:

DEAR SIRs—I think I could sell one car more of your Harvest Queen. You could ship it at once, and we would have no delay, &c. Please wire me if you can do this. The Cotton Seed Guano is giving out, and I am glad of it. Planters are fools to sell mill seed at any price. Everything that grows on land should go back. I am scattering your Harvest Queen all over this and adjacent counties, consequently another season I hope and expect to make a good run on your goods, and I shall want a good territory another year. I ought to have one sack of your Bone for my vineyard and give a few friends some for fine chickens, &c.

Hoping to hear from you, I remain,

Yours truly,

FRANKLIN WRIGHT.

INDIAN FIELDS, N. Y., July 31, 1889.

H. S. Miller & Co.:

DEAR SIRs—Having used more or less Fertilizers for the past ten years I was induced by your agent, J. M. Norris, last Fall, to try a ton of your Harvest Queen brand on rye. I used it by the side of.....Standard and.....High Grade, and, at a low estimate, can say, that I received ten per cent. more benefit from your brand than either..... or..... I showed no partiality, it all being used on the same soil and same amount per acre. I have also used theBone and several other brands, and consider yours far superior to any I ever used. I use from 250 to 300 lbs. per acre.

Yours, &c.,

DAVID WILTSIE.

INDIAN FIELDS, N. Y., July 31, 1889,

H. S. Miller & Co.:

GENTS—In reply to your request, I have to say, I purchased of your agent, Mr. J. M. Norris, some of your Harvest Queen Phosphate, and have used it on rye and oats with the most satisfactory results. My land was wet, but my rye and oats yielded better and ripened earlier than my neighbors, who have been using other grades.

Yours truly, J. L. MILLER.

PORT DEPOSIT, MD., July 30, 1889.

H. S. Miller & Co., Newark, N. J.:

GENTLEMEN—We take great pleasure in testifying to the merits of your Fertilizers. The Harvest Queen Phosphate has been especially popular with us, and Farmers, who have used it for wheat, are delighted.

Yours truly,

H. A. NESBITT & Co.

FREEHOLD, N. J., July 15, 1889.

H. S. Miller & Co., Passaic River, Newark, N. J.:

GENTS—Having used your goods last year with satisfactory results, I applied this Spring about 16 tons to my vegetable and potato crops, and they are looking exceedingly well. Shall use more for Fall seeding.

Yours truly,

J. H. DENISE.

SALISBURY, MD., August 1, 1889.

H. S. Miller & Co.:

GENTLEMEN—I used your Ground Bone, Medium Bone and Bone Meal, on my wheat on very high sandy land at the rate of 400 lbs. per acre, and my wheat crop was only a fair yield, as the land was high and the winter win's blowed it out badly, but I can say, I have the finest clover field I have seen this year from Spring sowing. It is in full bloom, and is over knee high now, August 1st. I consider your goods, from all accounts from many of our best farmers, the best on the market. Where it has been used on corn it is looking very fine and not burning up to the ear, as some is where other goods have been used.

Yours truly,

HUGH J. PHILLIPS

SIMPSONVILLE, MD., August 8, 1889

Messrs. H. S. Miller & Co., Newark, N. J.:

DEAR SIRS—In answer to your inquiry, I used H. S. Miller & Co's Ground Bone, Harvest Queen and Standard Phosphate, about 400 lbs. to the acre. Had the best stand of wheat I have ever had on my farm. Can't say what the average will be, as I have not threshed yet. At a low estimate will get 20 bushels. I consider the mechanical condition very fine.

Yours truly,

C. H. CARR.

SALISBURY, MD., August 1, 1889

H. S. Miller & Co.:

GENTLEMEN—I used your Standard Phosphate, recommended to me by your agent, H. J. Phillips, on oats and my nurseries, and find it to be an excellent Phosphate for peach trees and oats. I am pleased with it and consider it a high grade of goods, and shall continue to use it under such results.

Yours truly,

J. C. PHILLIPS.

GOLDSBORO, N. C., July 29, 1889.

Messrs. Morris & Taylor, Goldsboro, N. C.:

GENTS—I have used H. S. Miller & Co's Guano, and like it better than any I every used.

Yours truly,

JOS. G. HOLLOWELL.

WOLFSVILLE, Frederick Co., Md., }
July 29, 1889. }

Dear Miller & Co.:

SIRS—I have been selling.... goods for ten or twelve years, and last year carried your goods along with other brands, and I find they are giving entire satisfaction, notwithstanding the extreme wet weather. Your goods ripened up beyond expectation. I have heard farmers say that your goods have even beaten the most popular goods, viz.: The drilling qualities are grand. No gumming or bunching and running so extremely high in phosphoric acid, the ripening element. Farmers say, your goods can't be beaten for the money. Having been up at your works last Winter, I find there all you claim. I saw the 1600 lbs. of *Animal Bone* going in every ton, and was pleased to see your new sacks that would hold your *fine goods*. Now, I am *not prejudiced* against any man's *goods*, but will say the *world* can't *beat* your *goods*. I threshed four acres, making 35 bu. per acre, of Rocky Mountain wheat, of *good quality*, and averaged 30 bushels on 11 acres. I am offered \$11.00 per bushel for seed. With my regards, I remain yours, &c.,

HEZEKIAH HARP.

ELLERTON, Frederick Co., Md., }
July 26, 1889. }

Messrs. H. S. Miller & Co.:

DEAR SIRS—In reply to your agent, D. V. Harp's, inquiry, would say, I used your Harvest Queen Fertilizer last season, and have threshed 22 acres of my wheat, which yielded me about 30 bushels to the acre. It was down and tangled very much; scarcely able to cut it with a first-class binder. Wheat not bad quality. Where it stood up, it was of very good quality. I expect to average 30 bushels per acre on my whole crop of 52 acres. I can recommend your goods to all brother farmers, not only in ripening qualities, but in good drilling condition. Distributing it so regularly caused such a good average yield. I used one ton of your Standard and was well pleased with its results. Out of the 30 days before harvest, we had about six or eight extremely wet days.

Respectfully yours,

EZRA ROUTZAHN.

INDIAN FIELDS, N. Y., July 31, 1889

Messrs. H. S. Miller & Co.:

Your Harvest Queen Fertilizer is taking the lead in this vicinity. It is liked very much. There will be a large trade for it this fall in rye. The farmers begin to find out the value of it. They were afraid to take hold of it last fall, but they see the results on their crops, where it was used by the side of other brands. Now, every one that has used it, speaks very highly of it, and recommends their neighbors to use it in preference to any other kind.

Yours truly,

J. MADISON NORRIS.

LESLIE, MD, July 29, 1889.

To Messrs. Passmore, Gillespie & Co.:

GENTLEMEN—I can heartily recommend H S Miller & Co's Pure Ground Bone to all my friends, as I have had good results from it on corn, wheat and grass.

Respectfully, J. TAYLOR JANNEY.

August 3, 1889.

Dear Sir—Enclosed please find three testimonials; will send some more, soon as I see parties.

J. W. DORSEY.

ELLCOTT CITY, Md., Aug. 3, 1889.

I used your fertilizers last fall on my wheat, and raised a very good crop, considering the season:

JOHN H. CURTIS.

August 3, 1889.

I have used your bone for several years, and think it is a first-class article.

W. A. SMALLWOOD.

ELLCOTT CITY, August 3, 1889.

I have used your fertilizer one season, and am satisfied there is no better in the market.

GEO. F. CURTIS.

What a Deed to a Farm in many States Includes.

Everyone knows it conveys all the fences standing on the farm, but all might not think it also included the fencing-stuff, posts, rails, etc., which had once been used in the fence, but had been taken down and piled up for future use again in the same place. But new fencing material, just bought and never attached to the soil, would not pass. So piles of hop poles stored away, if once used on the land and intended to be again so used, have been considered a part of it, but loose boards or scaffold poles merely laid across the beams of the barn and never fastened to it, would not be, and the seller of the farm might take them away. Standing trees, of course, also pass as part of the land; so do trees blown down or cut down, and still left in the woods where they fell, but not if cut and corded up for sale; the wood has then become personal property.

If there be any manure in the barnyard or in the compost heap on the field, ready for immediate use, the buyer, ordinarily, in the absence of any contrary agreement, takes that also as belonging to the farm, though it might not be so, if the owner had previously sold it to some other party and had collected it together in a heap by itself, for such an act might be a technical severance from the soil, and so convert real into personal estate; and even a lessee of a farm could not take away the manure made on the place while he was in occupation. Growing crops also pass by the deed of a farm, unless they are expressly reserved; and when it is not intended to convey those, it should be so stated in the deed itself; a mere oral agreement to that effect would not be, in most States, valid in law. Another mode is to stipulate that possession is not to be given until some future day, in which case the crops or manures may be removed before that time.

As to the buildings on the farm, though generally mentioned in the deed, it is not absolutely necessary they should be. A deed of land ordinarily carries all the buildings on it, belonging to the grantor, whether mentioned or not; and this rule includes the lumber and timber of any old building which has been taken down or blown down, and packed away for future use on the farm.

Amount of Paint Required for a Given Surface.

It is impossible to give a rule that will apply in all cases, as the amount varies with the kind and thickness of the paint, the kind of wood or other material to which it is applied, the age of the surface, etc. The following is an approximate rule: Divide the number of square feet of surface by 200. The result will be the number of gallons of liquid paint required to give two coats; or divide by 18 and the result will be the number of pounds of pure ground white lead required to give three coats.

How to kill Grease Spot before Painting.

Wash over smoky or greasy parts with saltpetre, or very thin lime white-wash. If soap-suds are used, they must be washed off thoroughly, as they prevent the paint from drying hard.

DIMENSIONS OF ONE ACRE.

A square whose sides are 12.649 rods, or 69.57 yards, or 208.71 feet long, contains one acre. Table of dimensions of rectangle containing one acre.

RODS.

1 x 160	11 $\frac{1}{2}$ x 106 2-3	2 x 80	21 $\frac{1}{2}$ x 64
3 x 53 1-3	31 $\frac{1}{2}$ x 45 5-7	4 x 40	41 $\frac{1}{2}$ x 35 5-9
5 x 32	51 $\frac{1}{2}$ x 29 1-11	6 x 26 $\frac{2}{3}$	61 $\frac{1}{2}$ x 24 8-13
7 x 22 6-7	71 $\frac{1}{2}$ x 21 1-3	8 x 20	81 $\frac{1}{2}$ x 18 14-17
9 x 17 7-9	91 $\frac{1}{2}$ x 16 16-19	10 x 16	101 $\frac{1}{2}$ x 15 5-21
11 x 14 6-11	111 $\frac{1}{2}$ x 13 21-33	12 x 13 $\frac{1}{2}$	121 $\frac{1}{2}$ x 12 4-5
.. .. .			12 13-20 x 12 13-20

ROOF ELEVATIONS.

By the "pitch" of a roof is meant the relation which the height of the ridge above the level of the roof plates bears to the span, or the distance between the studs on which the roof rests.

The length of rafters for the most common pitches can be found as follows from any given span :

If $\frac{1}{4}$ pitch	multiply span by .559, or 7-12 nearly.
If $\frac{1}{3}$ "	" " " .6, or 3-5 "
If $\frac{2}{5}$ "	" " " .625, or $\frac{5}{8}$ "
If $\frac{1}{2}$ "	" " " .71, or 7-10 "
If $\frac{3}{4}$ "	" " " .8, or 4-5 "
If full "	" " " 1.12, or 1 $\frac{1}{2}$ "

ANALYSES OF H. S. MILLER & CO'S STANDARD PURE ANIMAL BONE FERTILIZERS.

NAME OF BRAND.	Experiment Station	Sampled at	Date. 1888	Moisture.	PHOSPHORIC ACID.				Ammonia.	Potash.	Relative Commercial Value.
					Insoluble	Soluble.	Reverted.	Available.			
H. S. MILLER & Co's Standard Phosphate....	Pennsylvania.....	York, Pa.....	April 9,		0.10	10.59	0.64	11.23	4.10	3.18	35.17
"	Pennsylvania.....	Hanover, Pa.....	December 10,		0.52	10.68	2.05	12.73	3.58	2.35	35.31
"	Delaware.....	Wyoming, Del.....	May 17,		0.64			12.15	3.40	2.94	34.45
"	Georgia.....	At Port, Ga.....	Jan'y 5, 1889,	9.15	1.10	8.85	3.90	12.70	3.05	3.20	30.13
"	Connecticut.....	Saybrook, Conn....	July 11,		0.67	11.35	0.21	11.63	3.25	3.20	30.19
"	New Jersey.....	Riverdale, N. J....	Nov. 10,		0.12	13.44	0.35	13.79	2.83	2.96	31.62
Am. Dia. Bone Phos...	Pennsylvania.....	York, Pa.....	April 9,		2.16	5.56	6.79	12.35	3.28	3.10	35.74
"	Connecticut.....	Milford, Conn.....	July 11,		0.78	9.46	1.80	12.04	2.34	2.58	26.36
"	North Carolina...	Goldsboro, N. C....	Febr'y 2, 1889,	11.78	0.84	8.93	2.17	11.10	2.23	3.17	26.91
"	Connecticut.....	Various Dealers....	October 1,		0.67	8.61	1.19	9.80	2.95	3.04	27.23
"	Alabama.....	Columbia, Ala.....	Ja'y 29, 1889,		0.88	8.98	4.17	13.15	2.32	2.46	29.62
"	New Jersey.....	Whippany, N. J....	August 7,		1.85	7.62	4.00	11.62	3.19	1.89	30.06

Potato Fertilizer.....	Delaware.....	Harrington, Del...	May 17,	0.39			8.95	7.78	8.52	49.60
" "	Virginia.....	Norfolk, Va.....	October 6	2.49	4.54	8.64	1.36	5.28	7.70	36.53
" "	New Jersey.....	Freehold, N. J.....	August 7,	0.32		9.64	0.25	3.18	9.73	32.88
" "	" "	Riverdale, N. J ...	November 10,	0.34		9.27	0.90	5.10	6.38	36.60
Vegetable Compound...	Virginia.....	Norfolk, Va.....	October 9,	0.08	9.58	8.32	0.08	10.26	3.86	44.75
" Fertilizer...	Pennsylvania....	York, Pa.....	May 28,	0.47		10.00	1.58	4.05	8.89	41.57
Dissolved Raw Bone...	New Jersey.....	By Chemist.....	November 10,	5.57		5.47	7.67	2.51		31.72
Ground Bone.....	Delaware.....	Wyoming, Del....	May 1,	16.64				3.26		27.19
" "	Connecticut.....	Various Dealers...	July 27,	18.48				2.69		29.89
Pure Bone Meal.....	New Jersey.....	" "	November 10,	24.06				4.49		39.30
" " "	Connecticut.....	West Port, Conn...	March 2,	23.43				4.34		39.32
" " "	Pennsylvania....	Erie, Pa.....	May 15,	24.00				4.39		38.93
" " "	" "	Hanover, Pa.....	September 3,	23.62				4.70		39.60
" " "	" "	" "	December 10,	23.84				4.72		39.89
Coarse Bone.....	New Jersey.....	By Chemist.....	November 10,	24.50				5.17		26.84
Medium Bone.....	" "	" "	November 10,	25.46				4.17		38.17
Bone Flour.....	" "	" "	November 10,	27.52				2.49		45.30
Harvest Queen.	Pennsylvania....	York, Pa.....	April 9,	0.81		10.29	2.13	12.42	2.31	32.72
" "	Georgia.....	At Port, Ga.....	Jan'y 5,	1.15	9.10	8.80	3.85	12.65	2.75	27.81
" "	Delaware.....	Wyoming, Del.....	May 17,	0.70				11.78	1.50	27.38
" "	Virginia.....	Norfolk, Va.....	October 5,	2.64	6.30	6.40	1.36	7.76	2.68	
" "	New Jersey.....	Riverdale, N. J.....	November 10,	0.41		10.58	1.25	11.83	2.14	26.57
" "	Alabama.....	Columbia, Ala.....	Jan. 23, 1889,	0.83		9.63	1.59	11.22	2.11	26.03

NAME OF BRAND.	Experiment Stations.	Sampled at	Date.	Moisture.	PHOSPHORIC ACID.				Ammonia.	Potash.	Relative Commercial Value.
					Insoluble.	Soluble.	Reverted.	Available.			
Bone Meal	Pennsylvania	Oxford, Pa.	May 20, 1889....		24.54				4.86		39.71
Ground Bone.....	"	Media, Pa.	May 20, 1889....		23.30				2.27		84.01
"	Connecticut.....	Westport, Ct.....	July 19, 1889....		25.52				2.24		38.12
Veg. Compound.....	Pennsylvania	Green Castle, Pa....	June 20, 1889...	5.81	0.59	8.33	0.37	8.70	9.71	3.00	53.87
Potato.....	Connecticut	Plantsville, Ct.....	July 11, 1889...		0.23	6.57	0.58	7.15	5.55	7.71	44.64
Special Potato.....	Georgia	Port.....	July 10, 1889....	7.50	2.15	8.50	1.60	10.10	4.75	5.15	33.54
Spec. Oats Manure.....	Pennsylvania	Greencastle, Pa....	June 20, 1889...	9.89	0.51	8.89	1.03	9.92	4.29	5.68	40.39
Standard Phosphate...	"	"	"	8.70	0.74	11.40	0.90	12.30	2.98	2.67	36.53
Corn Phosphate.....	"	"	"	8.86	1.46	7.94	0.80	8.74	3.13	2.41	31.55
Special Potato Manure.	Pennsylvania	Greencastle, Pa....	June 20, 1889...	9.89	0.51	8.89	1.03	9.92	4.28	5.68	40.39
Amn'n't'd Diss'd Bone	South Carolina..	Yemosee, S. C.....	Mch, 18, 1889...		0.19	9.57	2.57	12.14	2.14	2.53	23.52
Harvest Queen.....	New Jersey.....	Whippany, N. J....	May 10, 1889....		1.00	8.82	1.72	10.54	2.75	2.61	29.01
"	South Carolina..	Matthews B.Co.N.C	Mch, 15, 1889...		0.17	9.80	1.15	10.95	2.11	2.12	21.59
"	Pennsylvania	Media, Pa.....	June 20, 1889...	14.84	0.41	8.71	1.31	10.02	2.22	2.24	23.84
Amn'n't'd Diss'd Bone	New Jersey.....	Cederville, N. J....	April 23, 1889...		0.14	9.80	0.47	9.77	2.58	2.81	27.00
"	Delaware.....	Dover, Del.....	June, 1889.....		1.08			12.10	2.66	1.64	30.90
"	Virginia	Staunton, Va.....	Feb. 23, 1889...	11.66		9.37	2.75	12.12	2.19	1.54	25.08
"	Connecticut.....	Nangatuck, Ct.....	July 8, 1889....		0.21	9.80	1.61	11.41	2.14	2.36	27.49
Diss'd Raw Bone.....	Georgia.....	Sandersville, Ga....		8.50				12.20	2.20		

NAME OF BRAND.	Experiment Station.	Sampled at	Date.	Moisture.	PHOSPHORIC ACID				Ammonia.	Potash.	Relative Commercial Value.
					Insoluble.	Soluble.	Reverted.	Available.			
Am. Dis. Bone Phos...	Pennsylvania.....	Williamsport.....	Nov. 6, 1889....	8.46	1.11	7.75	4.58	12.33	2.55	3.51	\$36.14
Am. Dis. Bone Phos..	" ".....	" ".....	" 27, 1889....	11.20	0.74	8.30	2.30	10.60	3.01	3.16	34.27
Harvest Queen.....	" ".....	Greencastle.....	" 20, 1889....	10.19	1.06	7.80	2.70	10.50	2.31	2.93	32.49
" ".....	" ".....	York.....	" 11, 1889....	9.53	1.33	7.53	5.00	12.53	1.95	2.79	33.83
Standard Phosphate...	New Jersey.....	Bridgeton, N. J....	Sept., 1889....		0.82	8.91	4.34	13.25	3.58	2.39	35.70
Potato Fertilizer.....	" ".....	Roselle, N. J.....	" ".....		0.37	7.07	0.52	7.59	5.03	7.79	37.29
Corn Fertilizer.....	" ".....	Copper Hil, N. J..	" ".....		1.35	7.20	4.93	12.13	3.63	2.63	34.64
Pure Bone Meal.....	" ".....	Whippany, N. J..	" ".....					20.25	5.41		37.37

1st Month.

31 Days.

JANUARY, 1890.

Begins on



Wednesday.

MOON'S PHASES.

Days in Y'r	Day of Y'r.	Day of Mo.	Full Moon, 6 0 37 M.	Last Quarter, 14 1 35 M.	New Moon, 20 6 49 E.	First Quarter, 27 3 10 E.	Moon Apogee, 6 6 54 E.	Moon Perigee, 20 9 36 E.
			Day of Week.	☀ R	☀ S	☾	☾ S	H. Wat'r
365	1	1	Wednesday	7 25	4 44	☾	3 08	4 33
364	2	2	Thursday	7 25	4 44	☾	4 08	5 25
363	3	3	Friday	7 25	4 45	☾	5 07	6 15
362	4	4	Saturday	7 25	4 46	☾	6 4	7 02
361	5	5	Sunday	7 25	4 47	☾	rises	7 44
360	6	6	Monday	7 25	4 48	☾	5 16	8 25
359	7	7	Tuesday	7 24	4 49	☾	6 12	9 10
358	8	8	Wednesday	7 24	4 50	☾	7 09	9 51
357	9	9	Thursday	7 24	4 51	☾	8 09	10 30
356	10	10	Friday	7 24	4 52	☾	9 09	11 09
355	11	11	Saturday	7 24	4 53	☾	10 09	11 51
354	12	12	Sunday	7 23	4 54	☾	11 10	ev. 34
353	13	13	Monday	7 23	4 55	☾	morn	1 22
352	14	14	Tuesday	7 22	4 56	☾	13	2 13
351	15	15	Wednesday	7 22	4 57	☾	1 19	3 9
350	16	16	Thursday	7 22	4 59	☾	2 29	4 10
349	17	17	Friday	7 21	5 0	☾	3 42	5 16
348	18	18	Saturday	7 21	5 1	☾	4 55	6 22
347	19	19	Sunday	7 20	5 2	☾	6 04	7 23
346	20	20	Monday	7 20	5 3	☾	7 09	8 16
345	21	21	Tuesday	7 19	5 4	☾	sets	9 15
344	22	22	Wednesday	7 18	5 6	☾	7 19	10 05
343	23	23	Thursday	7 18	5 7	☾	8 34	10 50
342	24	24	Friday	7 17	5 8	☾	9 45	11 38
341	25	25	Saturday	7 16	5 9	☾	10 52	morn
340	26	26	Sunday	7 15	5 10	☾	11 57	26
339	27	27	Monday	7 15	5 12	☾	morn	1 15
338	28	28	Tuesday	7 14	5 13	☾	59	2 4
337	29	29	Wednesday	7 13	5 14	☾	2 0	2 58
336	30	30	Thursday	7 12	5 15	☾	3 0	3 54
335	31	31	Friday	7 11	5 17	☾	3 58	4 51

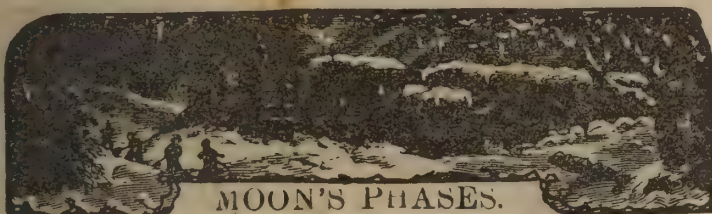
2d Month.

28 Days

FEBRUARY, 1890.

Begins on

Saturday.



MOON'S PHASES.

Days in Y'r	Day of Y'r	Day of Mo	Full Moon, 4 8 13 E.	First Quarter, 26 9 6 M.			
			Last Quarter, 12 1 51 E.	Moon Apogee, 2 9 6 M.			
			New Moon, 19 5 28 M.	Moon Perigee, 17 8 30 E.			
		Day of Week.	☀ R	☾ S	☾	☾ S	H. Wat'r
334	32	1 Saturday	7 10	5 18	☾	4 54	5 46
333	33	2 Sunday	7 9	5 19	☾	5 44	6 37
332	34	3 Monday	7 8	5 20	☾	6 30	7 23
331	35	4 Tuesday	7 7	5 22	☾	rises	8 3
330	36	5 Wednesday	7 6	5 23	☾	6 02	8 45
329	37	6 Thursday	7 5	5 24	☾	7 02	9 25
328	38	7 Friday	7 4	5 25	☾	8 02	10 3
327	39	8 Saturday	7 3	5 26	☾	9 03	10 38
326	40	9 Sunday	7 1	5 28	☾	10 06	11 16
325	41	10 Monday	7 0	5 29	☾	11 10	12
324	42	11 Tuesday	6 59	5 30	☾	morn	ev. 47
323	43	12 Wednesday	6 58	5 31	☾	17	1 41
322	44	13 Thursday	6 56	5 32	☾	1 25	2 40
321	45	14 Friday	6 55	5 34	☾	2 35	3 45
320	46	15 Saturday	6 54	5 35	☾	3 45	4 59
319	47	16 Sunday	6 52	5 36	☾	4 48	6 9
318	48	17 Monday	6 51	5 37	☾	5 51	7 10
317	49	18 Tuesday	6 50	5 38	☾	6 37	8 1
316	50	19 Wednesday	6 48	5 40	☾	sets	8 55
315	51	20 Thursday	6 47	5 41	☾	7 23	9 41
314	52	21 Friday	6 46	5 42	☾	8 32	10 25
313	53	22 Saturday	6 44	5 43	☾	9 40	11 4
312	54	23 Sunday	6 43	5 44	☾	10 44	11 49
311	55	24 Monday	6 41	5 45	☾	11 48	morn
310	56	25 Tuesday	6 40	5 47	☾	morn	36
309	57	26 Wednesday	6 38	5 48	☾	51	1 27
308	58	27 Thursday	6 36	5 49	☾	1 50	2 21
307	59	28 Friday	6 35	5 50	☾	2 47	3 22

3d Month.

31 Days.

MARCH, 1890.

Begins on



MOON'S PHASES.

Saturday.

Days in Yr	Day of Yr.	Day of Mo.	Full Moon, Last Quarter, New Moon,	6 13 20	1 11 4	47 5 1	E. E. E.	First Quarter, Noon Apogee, Moon Perigee, Moon Apogee,	28 1 17 29	4 10 9 4	32 30 48 36	M. E. E. E.
			Day of Week.									
306	60	1	Saturday.....	6	34	5	51	II	3	40	4	20
305	61	2	Sunday.....	6	32	5	52	II	4	28	5	16
304	62	3	Monday.....	6	31	5	54	☾	5	9	6	9
303	63	4	Tuesday.....	6	29	5	55	☾	5	46	6	57
302	64	5	Wednesday.....	6	27	5	56	☾	6	18	7	37
301	65	6	Thursday.....	6	26	5	57	☾	rises	8	14	
300	66	7	Friday.....	6	24	5	58	☾	6	57	8	55
299	67	8	Saturday.....	6	23	5	59	☾	7	59	9	34
298	68	9	Sunday.....	6	21	6	0	☾	9	2	10	13
297	69	10	Monday.....	6	20	6	1	☾	10	9	10	48
296	70	11	Tuesday.....	6	18	6	2	☾	11	17	11	32
295	71	12	Wednesday.....	6	16	6	3	☾	morn	ev	23	
294	72	13	Thursday.....	6	15	6	4	☾	26	1	21	
293	73	14	Friday.....	6	13	6	5	☾	1	36	2	28
292	74	15	Saturday.....	6	11	6	7	☾	2	41	3	40
291	75	16	Sunday.....	6	10	6	8	☾	3	39	4	51
290	76	17	Monday.....	6	8	6	9	☾	4	28	5	58
289	77	18	Tuesday.....	6	6	6	10	☾	5	12	6	56
288	78	19	Wednesday.....	6	5	6	11	☾	5	47	7	44
287	79	20	Thursday.....	6	3	6	12	☾	sets.	8	27	
286	80	21	Friday.....	6	1	6	13	☾	7	16	9	12
285	81	22	Saturday.....	6	0	6	14	☾	8	25	9	54
284	82	23	Sunday.....	5	58	6	15	☾	9	31	10	33
283	83	24	Monday.....	5	56	6	16	☾	10	35	11	15
282	84	25	Tuesday.....	5	55	6	17	☾	11	38	morn	
281	85	26	Wednesday.....	5	53	6	18	☾	morn	2		
280	86	27	Thursday.....	5	52	6	19	☾	37	53		
279	87	28	Friday.....	5	50	6	20	☾	1	32	1	47
278	88	29	Saturday.....	5	48	6	21	☾	2	22	2	47
277	89	30	Sunday.....	5	47	6	22	☾	3	5	3	45
276	90	31	Monday.....	5	45	6	24	☾	3	45	4	42

4th Month.

30 Days.

APRIL, 1890.

Begins on



Tuesday.

Days in Yr	Day of Yr.	Day of Mo.	Full Moon, 5 4 24 M.	First Quarter, 26 11 51 E.
			Last Quarter, 12 5 53 M.	Moon Perigee, 13
			New Moon, 19 3 5 M.	Moon Apogee, 26 54 E.
		Day of Week.	☾ R ☽ S	☾ S H. Wat'r
275	91	1 Tuesday.....	5 43 6 25	☾ 4 18 5 35
274	92	2 Wednesday,....	5 42 6 26	☾ 4 49 6 24
273	93	3 Thursday.....	5 40 6 27	☾ 5 18 7 8
272	94	4 Friday.....	5 38 6 28	☾ rises. 7 46
271	95	5 Saturday.....	5 37 6 29	☾ 6 52 8 22
270	96	6 Sunday.....	5 35 6 30	☾ 7 59 9 4
269	97	7 Monday.....	5 33 6 31	☾ 9 9 9 46
268	98	8 Tuesday.....	5 32 6 32	☾ 10 18 10 26
267	99	9 Wednesday.....	5 30 6 33	☾ 11 28 11 14
266	100	10 Thursday.....	5 29 6 34	☾ morn ev 10
265	101	11 Friday.....	5 27 6 35	☾ 35 1 12
264	102	12 Saturday.....	5 26 6 36	☾ 1 36 2 20
263	103	13 Sunday.....	5 24 6 37	☾ 2 27 3 31
262	104	14 Monday.....	5 22 6 38	☾ 3 10 4 39
261	105	15 Tuesday.....	5 21 6 39	☾ 3 47 5 41
260	106	16 Wednesday.....	5 19 6 40	☾ 4 18 6 34
259	107	17 Thursday.....	5 18 6 41	☾ 4 47 7 20
258	108	18 Friday.....	5 16 6 42	☾ 5 15 8 1
257	109	19 Saturday.....	5 15 6 43	☾ sets. 8 41
256	110	20 Sunday.....	5 13 6 44	☾ 8 18 9 23
255	111	21 Monday.....	5 12 6 45	☾ 9 23 10 6
254	112	22 Tuesday.....	5 10 6 46	☾ 10 36 10 47
253	113	23 Wednesday.....	5 9 6 47	☾ 11 23 11 32
252	114	24 Thursday.....	5 8 6 48	☾ morn morn
251	115	25 Friday.....	5 6 6 50	☾ 16 23
250	116	26 Saturday.....	5 5 6 51	☾ 1 3 1 16
249	117	27 Sunday.....	5 3 6 52	☾ 1 43 2 12
248	118	28 Monday.....	5 2 6 53	☾ 2 19 3 8
247	119	29 Tuesday.....	5 1 6 54	☾ 2 50 4 3
246	120	30 Wednesday.....	4 59 6 55	☾ 3 17 4 54

5th Month.

31 Days.

MAY, 1890.

Begins on



MOON'S PHASES.

Thursday

Days in Yr	Days of Yr	Day of Mo.	Full Moon, 4 4 9 E. Last Quarter, 11 11 21 M. New Moon, 18 3 18 E.	First Quarter, 23 5 34 E. Moon Perigee, 8 5 18 E. Moon Apogee, 24 7 6 M.				
			Day of Week.	☾ R	☾ S	☾	☾ S	H. Wat'r
245	121	1	Thursday.....	4 58	6 56	☾	3 44	5 44.
244	122	2	Friday.....	4 57	6 57	☾	4 11	6 30
243	123	3	Saturday.....	4 56	6 58	☾	4 35	7 12
242	124	4	Sunday.....	4 54	6 59	☾	rises.	7 53
241	125	5	Monday.....	4 53	7 0	☾	8 4	8 37
240	126	6	Tuesday.....	4 52	7 1	☾	9 16	9 24
239	127	7	Wednesday.....	4 51	7 2	☾	10 28	10 12
238	128	8	Thursday.....	4 50	7 3	☾	11 31	11 4
237	129	9	Friday.....	4 49	7 4	☾	morn ev.	4
236	130	10	Saturday.....	4 48	7 5	☾	25	1 7
235	131	11	Sunday.....	4 47	7 6	☾	1 12	2 12
234	132	12	Monday.....	4 46	7 7	☾	1 49	3 15
233	133	13	Tuesday.....	4 45	7 8	☾	2 22	4 18
232	134	14	Wednesday.....	4 44	7 9	☾	2 51	5 14
231	135	15	Thursday.....	4 43	7 10	☾	3 18	6 5
230	136	16	Friday.....	4 42	7 11	☾	3 44	6 51
229	137	17	Saturday.....	4 41	7 12	☾	4 12	7 35
228	138	18	Sunday.....	4 40	7 13	☾	4 43	8 12
227	139	19	Monday.....	4 39	7 14	☾	sets.	8 57
226	140	20	Tuesday.....	4 38	7 15	☾	9 12	9 41
225	141	21	Wednesday.....	4 37	7 16	☾	10 7	10 25
224	142	22	Thursday.....	4 37	7 16	☾	10 57	11 7
223	143	23	Friday.....	4 36	7 17	☾	11 41	11 57
222	144	24	Saturday.....	4 35	7 18	☾	morn	morn
221	145	25	Sunday.....	4 35	7 19	☾	18	42
220	146	26	Monday.....	4 34	7 20	☾	50	1 32
219	147	27	Tuesday.....	4 33	7 21	☾	1 19	2 23
218	148	28	Wednesday.....	4 33	7 21	☾	1 45	3 15
217	149	29	Thursday.....	4 32	7 22	☾	2 11	4 7
216	150	30	Friday.....	4 32	7 23	☾	2 35	4 58
215	151	31	Saturday.....	4 31	7 24	☾	3 2	5 50

6th Month.

30 Days.

JUNE, 1890.

Begins on

Sunday.



MOON'S PHASES.

Days in Y'r.	Day of Y'r.	Day of Mo.	Full Moon	3 1 34 M.	First Quarter	25 8 53 M.				
			Last Quarter,	9 4 50 E.	Moon Perigee	5 5 0 M.				
			New Moon,	17 4 58 M.	Moon Apogee	20 10 18 E.				
			Day of Week.	☉	R	☽	S	☾	☾ S	H. Watr
214	152	1	Sunday.....	4 31	7 25	☾	3 30	6 40		
213	153	2	Monday.....	4 30	7 25	☾	4 6	7 29		
212	154	3	Tuesday... ..	4 30	7 26	☾	rises.	8 15		
211	155	4	Wednesday.....	4 30	7 27	☾	9 18	9 11		
210	156	5	Thursday.....	4 29	7 27	☾	10 21	10 5		
209	157	6	Friday.....	4 29	7 28	☾	11 10	10 58		
208	158	7	Saturday.....	4 29	7 29	☾	11 51	11 55		
207	159	8	Sunday.....	4 29	7 29	☾	morn	ev. 53		
206	160	9	Monday.....	4 28	7 30	☾	25	1 52		
205	161	10	Tuesday.....	4 28	7 30	☾	55	2 50		
204	162	11	Wednesday.....	4 28	7 31	☾	1 21	3 46		
203	163	12	Thursday.....	4 28	7 31	☾	1 48	4 40		
202	164	13	Friday.....	4 28	7 32	☾	2 15	5 33		
201	165	14	Saturday.....	4 28	7 32	☾	2 45	6 23		
200	166	15	Sunday.....	4 28	7 33	☾	3 16	7 10		
199	167	16	Monday.....	4 28	7 33	☾	3 52	7 50		
198	168	17	Tuesday.....	4 28	7 33	☾	sets.	8 35		
197	169	18	Wednesday.....	4 28	7 34	☾	8 51	9 21		
196	170	19	Thursday.....	4 28	7 34	☾	9 38	10 3		
195	171	20	Friday.....	4 28	7 34	☾	10 18	10 42		
194	172	21	Saturday.....	4 29	7 34	☾	10 52	11 24		
193	173	22	Sunday.....	4 29	7 35	☾	11 21	morn		
192	174	23	Monday.....	4 29	7 35	☾	11 47	9		
191	175	24	Tuesday.....	4 30	7 35	☾	morn	53		
190	176	25	Wednesday.....	4 30	7 35	☾	13	1 40		
189	177	26	Thursday.....	4 30	7 35	☾	37	2 30		
188	178	27	Friday.....	4 31	7 35	☾	1 2	3 22		
187	179	28	Saturday.....	4 31	7 35	☾	1 28	4 17		
186	180	29	Sunday.....	4 31	7 35	☾	1 59	5 13		
185	181	30	Monday.....	4 32	7 35	☾	2 36	6 11		

7th Month.

31 Days.

JULY, 1890.

Begins on



Tuesday

MOON'S PHASES.

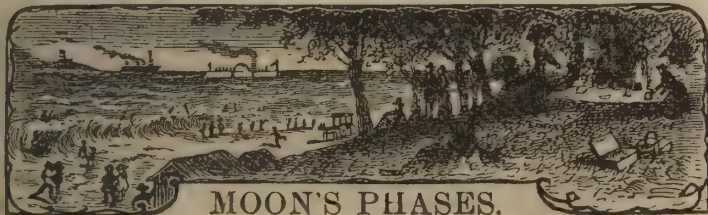
Days in Y'r	Day of Y'r	Day of Mo	Full Moon, Last Quarter, New Moon, First Quarter,	2 8 16 24	9 11 7 9	23 M. 43 E. 49 E. 44 E.	Full Moon, Moon Perigee, Moon Apogee, Moon Perigee,	31 3 18 31	4 19 8 6	24 E. 14 M. 42 M. 18 E.
			Day of Week.	☉	R	☾	S	☾	S	H. Wat'r
184	182	1	Tuesday.....	4	32	7	35	☾	3 23	7 10
183	183	2	Wednesday.....	4	32	7	35	☾	rises	8 01
182	184	3	Thursday.....	4	33	7	34	☾	9 02	9 01
181	185	4	Friday.....	4	33	7	34	☾	9 46	9 57
180	186	5	Saturday.....	4	34	7	34	☾	10 26	10 46
179	187	6	Sunday.....	4	35	7	34	☾	10 58	11 38
178	188	7	Monday.....	4	35	7	33	☾	11 26	v 30
177	189	8	Tuesday.....	4	36	7	33	☾	11 53	1 23
176	190	9	Wednesday.....	4	37	7	33	☾	morn	2 16
175	191	10	Thursday.....	4	37	7	32	☾	21	3 11
174	192	11	Friday.....	4	38	7	32	☾	47	4 06
173	193	12	Saturday.....	4	39	7	31	☾	1 18	5 0
172	194	13	Sunday.....	4	39	7	31	☾	1 53	5 55
171	195	14	Monday.....	4	4	7	30	☾	2 33	6 46
170	196	15	Tuesday.....	4	41	7	30	☾	3 18	7 33
169	197	16	Wednesday.....	4	42	7	29	☾	4 07	8 12
168	198	17	Thursday.....	4	43	7	29	☾	sets.	8 57
167	199	18	Friday.....	4	44	7	28	☾	8 52	9 39
166	200	19	Saturday.....	4	44	7	27	☾	9 23	10 17
165	201	20	Sunday.....	4	45	7	26	☾	9 51	10 53
164	202	21	Monday.....	4	46	7	26	☾	10 16	11 32
163	203	22	Tuesday.....	4	47	7	25	☾	10 40	mo n
162	204	23	Wednesday.....	4	4	7	24	☾	11 5	13
161	205	24	Thursday.....	4	48	7	23	☾	11 29	57
160	206	25	Friday.....	4	49	7	23	☾	11 57	1 45
159	207	26	Saturday.....	4	50	7	22	☾	morn	2 39
158	208	27	Sunday.....	4	51	7	21	☾	32	3 41
157	209	28	Monday.....	4	52	7	20	☾	1 11	4 44
156	210	29	Tuesday.....	4	53	7	19	☾	2 01	5 52
155	211	30	Wednesday.....	4	54	7	18	☾	3 02	6 56
154	212	31	Thursday.....	4	55	7	17	☾	rises	7 52

8th Month.

31 Days.

AUGUST, 1890.

Begins on



Friday.

MOON'S PHASES.

Days in Y'r	Day of Y'r	Day of Mo.	Last Quarter, 7 9 18 M.				Full Moon, 29 11 35 E.			
			New Moon, 15 11 19 M.				Moon Apogee, 14 11 12 M.			
			First Quarter, 22 8 19 M.				Moon Perigee, 29 4 18 M.			
Day of Week.			☾	R	☼	S	☾	☼	R	H. Wat'r
153	213	1	Friday.....	4 56	7 16	☾	8 0	8 49		
152	214	2	Saturday	4 57	7 14	☾	8 56	9 51		
151	215	3	Sunday.....	4 58	7 13	☾	9 26	10 27		
150	216	4	Monday.....	4 59	7 12	☾	9 58	11 13		
149	217	5	Tuesday... ..	5 0	7 11	☾	10 23	12 0		
148	218	6	Wednesday.....	5 1	7 10	☾	10 50	ev 49		
147	219	7	Thursday.....	5 2	7 9	☾	11 18	1 41		
146	220	8	Friday.....	5 3	7 7	☾	11 53	2 36		
145	221	9	Saturday.....	5 4	7 6	☾	morn	3 33		
144	222	10	Sunday.. ..	5 5	7 5	☾	32	4 34		
143	223	11	Monday.....	5 6	7 4	☾	1 15	5 31		
142	224	12	Tuesday.....	5 7	7 2	☾	2 4	6 24		
141	225	13	Wednesday.....	5 8	7 1	☾	2 56	7 10		
140	226	14	Thursday	5 9	7 0	☾	3 53	7 51		
139	227	15	Friday.....	5 10	6 58	☾	sets	8 31		
138	228	16	Saturday.....	5 11	6 57	☾	7 55	9 11		
137	229	17	Sunday	5 12	6 55	☾	8 20	9 47		
136	230	18	Monday.....	5 13	6 54	☾	8 45	10 24		
135	231	19	Tuesday.....	5 14	6 53	☾	9 9	10 57		
134	232	20	Wednesday.....	5 15	6 51	☾	9 33	11 37		
133	233	21	Thursday.....	5 16	6 50	☾	9 59	morn		
132	234	22	Friday.....	5 17	6 48	☾	10 29	21		
131	235	23	Saturday.....	5 17	6 47	☾	11 5	1 12		
130	236	24	Sunday.....	5 18	6 45	☾	11 49	2 10		
129	237	25	Monday.....	5 19	6 44	☾	morn	3 15		
128	238	26	Tuesday.....	5 20	6 42	☾	43	4 27		
127	239	27	Wednesday.....	5 21	6 41	☾	1 49	5 39		
126	240	28	Thursday.....	5 22	6 39	☾	3 3	6 44		
125	241	29	Friday.....	5 23	6 37	☾	rises.	7 39		
124	242	30	Saturday.....	5 24	6 36	☾	7 22	8 29		
123	243	31	Sunday.....	5 25	6 34	☾	7 52	9 19		

9th Month.

30 Days.

SEPTEMBER 1890.

Begins on



MOON'S PHASES.

Monday.

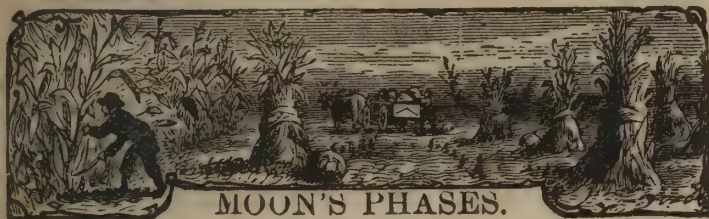
Days in Y'r	Day of Yr.	Day of Mo	Last Quarter, 5 10 29 E.			Full Moon, 28 8 0 M.			New Moon, 14 2 53 M.			Moon Apogee, 10 6 12 E.			First Quarter, 21 5 5 E.			Moon Perigee, 26 10 42 M.		
			Day of Week.			☾	R	☾	S	☾	☾	R	H.	Wat'r						
122	244	1	Monday...	...	5	26	6	33	✕	8	21	10	2							
121	245	2	Tuesday.....		5	27	6	31	☾	8	50	10	43							
120	246	3	Wednesday.....		5	28	6	29	☾	9	20	11	27							
119	247	4	Thursday.....		5	29	6	28	☾	9	56	ev.	16							
118	248	5	Friday.....		5	30	6	26	☾	10	29	1	8							
117	249	6	Saturday.....		5	31	6	25	☾	11	11	2	2							
116	250	7	Sunday.....		5	32	6	23	☾	11	58	3	5							
115	251	8	Monday.....		5	33	6	21	☾	morn		4	5							
114	252	9	Tuesday.....		5	34	6	20	☾	51		5	2							
113	253	10	Wednesday.....		5	35	6	18	☾	1	46	5	56							
112	254	11	Thursday.....		5	36	6	16	☾	2	44	6	44							
111	255	12	Friday.....		5	37	6	15	☾	3	42	7	25							
110	256	13	Saturday.....		5	38	6	13	☾	4	43	8	1							
109	257	14	Sunday.....		5	39	6	11	☾	sets.		8	39							
108	258	15	Monday.....		5	40	6	9	☾	7	13	9	17							
107	259	16	Tuesday.....		5	41	6	8	☾	7	37	9	52							
106	260	17	Wednesday.....		5	42	6	6	☾	8	2	10	28							
105	261	18	Thursday.....		5	43	6	4	☾	8	31	11	8							
104	262	19	Friday.....		5	44	6	3	☾	9	4	11	56							
103	263	20	Saturday.....		5	45	6	1	☾	9	44	morn								
102	264	21	Sunday.....		5	46	5	59	☾	10	33	50								
101	265	22	Monday.....		5	47	5	58	☾	11	33	1	53							
100	266	23	Tuesday.....		5	48	5	56	☾	morn		3	5							
99	267	24	Wednesday.....		5	49	5	54	☾	42		4	18							
98	268	25	Thursday.....		5	50	5	53	☾	1	56	5	27							
97	269	26	Friday.....		5	51	5	52	☾	3	13	6	28							
96	270	27	Saturday.....		5	52	5	50	☾	4	30	7	21							
95	271	28	Sunday.....		5	53	5	48	☾	rises		8	4							
94	272	29	Monday.....		5	54	5	46	☾	6	46	8	50							
93	273	30	Tuesday.....		5	54	5	44	☾	7	15	9	34							

10th Month.

31 Days.

OCTOBER, 1890.

Begins on



MOON'S PHASES.

Wednesday.

Days in Y'r	Day of Y'r	Day of Mo.	Day of Week.	☾	R	☾	S	☾	☾	R	H. Wat'r
				Last Quarter, 5 3 23 E.				Full Moon, 27 6 42 E.			
				New Moon, 13 6 5 E.				Moon Apogee, 8 8 54 M.			
				First Quarter, 21 0 36 M.				Moon Perigee, 24 4 54 M.			
Days in Y'r	Day of Y'r	Day of Mo.	Day of Week.	☾	R	☾	S	☾	☾	R	H. Wat'r
92	274	1	Wednesday	5	56	5	43	☾	7	48	10 15
91	275	2	Thursday	5	57	5	41	☾	8	24	10 58
90	276	3	Friday	5	58	5	39	☾	9	5	11 48
89	277	4	Saturday	5	59	5	38	☾	9	51	ev. 38
88	278	5	Sunday	6	0	5	36	☾	10	42	1 34
87	279	6	Monday	6	1	5	35	☾	11	37	2 34
86	280	7	Tuesday	6	2	5	33	☾	morn		3 32
85	281	8	Wednesday	6	3	5	31	☾	34		4 28
84	282	9	Thursday	6	4	5	30	☾	1	33	5 21
83	283	10	Friday	6	5	5	28	☾	2	33	6 8
82	284	11	Saturday	6	7	5	27	☾	3	33	6 51
81	285	12	Sunday	6	8	5	25	☾	4	32	7 30
80	286	13	Monday	6	9	5	23	☾	5	34	8 5
79	287	14	Tuesday	6	10	5	22	☾	sets.		8 42
78	288	15	Wednesday	6	11	5	20	☾	6	33	9 23
77	289	16	Thursday	6	12	5	19	☾	7	5	10 7
76	290	17	Friday	6	13	5	17	☾	7	43	10 48
75	291	18	Saturday	6	14	5	16	☾	8	30	11 41
74	292	19	Sunday	6	15	5	14	☾	9	27	morn
73	293	20	Monday	6	16	5	13	☾	10	30	40
72	294	21	Tuesday	6	18	5	12	☾	11	42	1 46
71	295	22	Wednesday	6	19	5	10	☾	morn		2 55
70	296	23	Thursday	6	20	5	9	☾	56		4 4
69	297	24	Friday	6	21	5	7	☾	2	10	5 8
68	298	25	Saturday	6	22	5	6	☾	3	23	6 4
67	299	26	Sunday	6	23	5	4	☾	4	35	6 54
66	300	27	Monday	6	24	5	3	☾	5	46	7 38
65	301	28	Tuesday	6	26	5	2	☾	rises.		8 19
64	302	29	Wednesday	6	27	5	1	☾	6	19	9 6
63	303	30	Thursday	6	28	4	59	☾	6	57	9 50
62	304	31	Friday	6	29	4	58	☾	7	40	10 34

11th Month.

30 Days.

NOVEMBER, 1890.

Begins on



Saturday.

MOON'S PHASES.

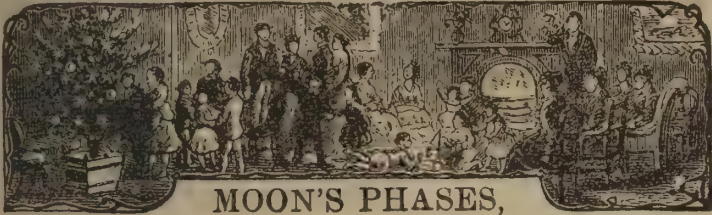
Days in Yr.	Day of Yr.	Day of Mo.	Last Quarter, 4 11 13 M.	Full Moon, 26 8 23 M.			
			New Moon, 12 8 37 M.	Moon Apogee, 5 4 6 M.			
			First Quarter, 19 7 44 M.	Moon Perigee, 18 0 54 E.			
		Day of Week.	☾ R	☼ S	☾	☾ R	H. at r
61	305	1 Saturday.....	6 30	4 57	☾	8 31	11 19
60	306	2 Sunday.....	6 31	4 56	☾	9 25	ev 12
59	307	3 Monday... ..	6 32	4 54	☾	10 23	1 5
58	308	4 Tuesday.....	6 34	4 53	☾	11 22	1 58
57	309	5 Wednesday....	6 35	4 52	☾	morn	2 53
56	310	6 Thursday.....	6 36	4 51	☾	21	3 43
55	311	7 Friday.....	6 37	4 50	☾	1 20	4 37
54	312	8 Saturday.....	6 38	4 49	☾	2 19	5 26
53	313	9 Sunday.....	6 40	4 48	☾	3 20	6 11
52	314	10 Monday.....	6 41	4 47	☾	4 21	6 53
51	315	11 Tuesday.....	6 42	4 46	☾	5 37	7 36
50	316	12 Wednesday....	6 43	4 45	☾	6 34	8 14
49	317	13 Thursday.....	6 44	4 44	☾	sets	9 2
48	318	14 Friday.....	6 46	4 43	☾	6 25	9 51
47	319	15 Saturday.....	6 47	4 42	☾	7 19	10 39
46	320	16 Sunday.....	6 48	4 41	☾	8 22	11 35
45	321	17 Monday.....	6 49	4 40	☾	9 33	morn
44	322	18 Tuesday....	6 50	4 39	☾	10 45	35
43	323	19 Wednesday....	6 51	4 39	☾	11 59	1 38
42	324	20 Thursday.....	6 53	4 38	☾	morn	2 39
41	325	21 Friday.....	6 54	4 38	☾	1 11	3 43
40	326	22 Saturday... ..	6 55	4 37	☾	2 22	4 40
39	327	23 Sunday.....	6 56	4 36	☾	3 30	5 35
38	328	24 Monday.....	6 57	4 36	☾	4 38	6 26
37	329	25 Tuesday.....	6 58	4 35	☾	5 47	7 12
36	330	26 Wednesday....	6 59	4 35	☾	rises.	7 55
35	331	27 Thursday.....	7 0	4 35	☾	5 32	8 41
34	332	28 Friday.....	7 2	4 34	☾	6 20	9 27
33	333	29 Saturday.....	7 3	4 34	☾	7 14	10 12
32	334	30 Sunday.....	7 4	4 34	☾	8 10	10 56

12th Month.

31 Days.

DECEMBER, 1890.

Begins on



Monday.

MOON'S PHASES,

Days in Yr.	Day of Yr	Day of Mo	Last Quarter, New Moon, First Quarter,	4 11 18	8 10 3	26 11 36	M. E. E.	Full Moon Moon Apogee, Moon Perigee, Moon Apogee.	26 3 14 30	0 1 7 8	57 18 30 54	M. M. E. E.
Day of Week,			☾	R	☼	S	☉	☉	R	H. Wat'r		
31	335	1	Monday	7	5	4	34	☾	9	8	11	43
30	336	2	Tuesday	7	6	4	33	☾	10	8	ev	30
29	337	3	Wednesday	7	7	4	33	☾	11	6	1	18
28	338	4	Thursday	7	8	4	33	☾	morn		2	5
27	339	5	Friday	7	9	4	32	☾		6	2	55
26	340	6	Saturday	7	10	4	32	☾	1	5	3	46
25	341	7	Sunday	7	11	4	32	☾	2	4	4	36
24	342	8	Monday	7	12	4	32	☾	3	8	5	27
23	343	9	Tuesday	7	13	4	32	☾	4	14	6	17
22	344	10	Wednesday	7	14	4	32	☾	5	24	7	7
21	345	11	Thursday	7	15	4	32	☾	6	36	7	54
20	346	12	Friday	7	15	4	32	☾	sets.		8	47
19	347	13	Saturday	7	16	4	33	☾	6	8	9	41
18	348	14	Sunday	7	16	4	33	☾	7	18	10	33
17	349	15	Monday	7	17	4	33	☾	8	34	11	26
16	350	16	Tuesday	7	18	4	33	☾	9	47	morn	
15	351	17	Wednesday	7	18	4	33	☾	11	2		22
14	352	18	Thursday	7	19	4	34	☾	morn		1	18
13	353	19	Friday	7	20	4	34	☾		24	2	15
12	354	20	Saturday	7	20	4	35	☾	1	22	3	12
11	355	21	Sunday	7	21	4	35	☾	2	29	4	8
10	356	22	Monday	7	21	4	36	☾	3	36	5	2
9	357	23	Tuesday	7	22	4	37	☾	4	42	5	58
8	358	24	Wednesday	7	22	4	37	☾	5	47	6	48
7	359	25	Thursday	7	23	4	38	☾	6	51	7	37
6	360	26	Friday	7	23	4	39	☾	rises.		8	19
5	361	27	Saturday	7	23	4	39	☾	5	59	9	8
4	362	28	Sunday	7	23	4	40	☾	6	56	9	51
3	363	29	Monday	7	24	4	40	☾	7	56	10	32
2	364	30	Tuesday	7	24	4	41	☾	8	56	11	12
1	365	31	Wednesday	7	24	4	42	☾	9	52	11	54

ALCOVE, N. Y., August 20, 1889.

Mr. J. M. Norris, Indian Fields, Albany Co., N. Y.:

In reply to your inquiry in regard to the result from the use of the Harvest Queen Phosphate purchased from you last Fall, I take pleasure in saying to you (and to the public also, if you wish) that it has given the best satisfaction of any I have ever used. I have used fertilizers for the last twenty years, and many different kinds, but never has any given as good satisfaction as the H. S. Miller & Co. Fertilizer purchased from you.

Yours respectfully,

JEFFERSON POWELL.

SAGG, Sept. 23, 1887.

H. S. Miller & Co.:

DEAR SIR—In regard to testimonials, our farmers are feeling very badly this year. Potatoes are not over one-third of a crop. I have delayed writing, hoping they would come out a little better than was expected at first, but they are bad enough. At last year's prices the crop would not pay for the fertilizer used, and in some cases not that.

W. W. WILDRETH.

BOSTON, Sept. 30, 1889.

Messrs. H. S. Miller & Co.:

GENTLEMEN—We herewith enclose testimonial received from Peter Boll.

Yours respectfully,

R. & J. FARQUHAR & Co.

MALDEN, Mass., Sept. 23, 1889.

Messrs. H. S. Miller & Co., Newark, N. J.:

I have used your Bone Flour this past winter, and find it an excellent fertilizer for all kinds of roses, especially the Bride and Catherine Mermet, and I cheerfully recommend it to all who are growing roses.

Yours truly,

PETER BOLL.

BALTIMORE, Aug. 19, 1889

Messrs. H. S. Miller & Co.:

GENTLEMEN—I bought of your agent, Mr. J. Fill. Legg, last season, 24 tons of your Harvest Queen. On my Island Farm I used a little over eight tons to 86½ bushels of seeding, and threshed last week from the field, 1566 bushels. I sustained a heavy loss in quantity as well as quality by the heavy rains. Fifty-one and one-half bushels seeding was on corn land. Wherever I used it, it gave entire satisfaction.

Yours, etc.,

WM. HENRY LEGG.

BARNESVILLE, GA., Aug. 14, 1889.

Messrs. A. O. Murphey & Hunt:

The "Harmony" Guano, made by H. S. Miller & Co., which I bought of you this season has given perfect satisfaction, and nothing I have ever used surpasses it.

(Signed,) J. W. VAUGHN.

GOGGANS, GA., Aug. 14, 1889;

Messrs. A. O. Murphey & Hunt:

I bought H. S. Miller & Co's Ammoniated Dissolved Bone this season upon your recommendation, and it has fully sustained itself. I prefer it to any guano I ever used.

(Signed,) W. M. WILLIAMS.

BARNESVILLE, GA., Aug., 3, 1889.

Messrs. A. O. Murphey & Hunt:

I used H. S. Miller & Co.'s Ammoniated Dissolved Bone this year, and feel no hesitancy in saying that it is *the best* guano I have ever used. I used it by the side of Ober's best.

(Signed,) J. M. BEVILL.

ORWIGSBURG, Pa., Aug. 15, 1889.

Messrs. H. S. Miller & Co.:

DEAR SIRS—I take pleasure to state that I have given your Standard Phosphate a fair trial on oats, on poor soil, and it has given excellent satisfaction.

Respectfully,

JOE MENGEL.

INDIAN FIELDS, Aug. 13, 1889

H. S. Miller & Co., Baltimore, Md.:

GENTLEMEN—I take pleasure in recommending your Harvest Queen Fertilizer. Have used it upon rye with very satisfactory results. It works better in a drill than any brand I ever used, being finer and dryer. I recommend to all who desire to use any phosphate, to give the Harvest Queen a trial.

JOHN M. TOMPKINS,

INDIAN FIELDS, Aug. 19, 1889.

H. S. Miller & Co.:

Enclosed find a few more testimonials. Mr. C. A. Shear says I must write you that your Harvest Queen Phosphate is the best he has ever used, without any exceptions, and will use it again this fall.

Yours truly,

J. MADISON NORRIS.

LAUREL, Delaware, Sept. 17, 1889.

H. S. Miller & Co., Baltimore, Md.:

GENTLEMEN—Your Potato Fertilizer is without a rival. It sells on its merits. We have raised better potatoes with it alone, than can be raised with barnyard manure. Your Harvest Queen and A. D. Bone give general satisfaction wherever used.

Yours, &c.,

J. T. & E. P. ELLIS.

NORTH LONG BRANCH, N. J., July 26, 1889.

H. S. Miller & Co.:

Mr Manahan stated to me you were anxious to have some testimonials. I have used your fertilizer now for two years, on garden truck, and can say it has suited me better than any other I ever used, and especially for potatoes. I made a remark the other day, I never had such a quantity off a small piece of ground before, nor ever nicer and smoother.

Yours respectfully,

JAMES H. CROUTER.

ELWOOD, N. J., Nov. 7, 1889.

Messrs. H. S. Miller & Co., Newark, N. J.:

GENTLEMEN—I used your Guano this year. It has done as well as any I ever used.

Yours truly, H. HOLLOWAY

ELWOOD STATION, Nov. 6, 1889.

Messrs. H. S. Miller & Co., Newark, N. J.:

GENTLEMEN—Your letter of inquiry received. This is the first year our people have used your goods. So far as I have heard they have given entire satisfaction, and think it A No. 1. Expect to very much increase our sale for your guano here next season.

Yours truly,

W. A. BISCHOFF.

TEANECK, near Englewood, N. J., Oct. 29, 1889.

Messrs. H. S. Miller & Co.:

GENTS—Yours of the 28th is received, and in answer would say that your fertilizer showed as good results as any that I have used, and better than most of them, but the poor season that we have had has prevented satisfaction in anything, as far as my experience goes. I have all my Fall seeding done, and therefore, will not require any fertilizer this Fall.

Yours truly,

WILLIAM BENNETT,

Steward to W. W. Phelps, Esq.

On a thin field off from the farm (Marshalltown) we have grown successively large crops of corn, oats, wheat and clover, with Animal Bone Phosphate only, made by H. S. Miller & Co., bought of Dr. A. Bassett; no manure used.

ALFRED BILDERBACK, Owner.

JOHN W. FLANAGEN, Farmer.

CRESWELL, August 6, 1889.

Mr. J. B. Hanway, Joppa, Md.:

DEAR SIR—I used your Harvest Queen Phosphate and Ground Bone on the farm of the late Charton Billingslea, on corn, oats and tomatoes, and it has given me excellent results. I consider them the best goods that are sold in this section.

Yours respectfully,

JAMES MCKEE.

RALEIGH, N. C., Sept. 27, 1889.

Messrs. Barbee & Barbee, Agents for Messrs. H. S. Miller & Co., Baltimore, Md.:

GENTLEMEN—I take great pleasure in saying that I consider Miller's Ammoniated Dissolved Bone one of the best Guano's I have ever used, and have tried several brands during the last fifteen years of farm experience. This is my first season with Miller's, of which I only used $6\frac{1}{2}$ tons along with three other high brands, and should I have used all Miller's, my crop would have been as good as I could have expected. I worked the rows where Miller's was distributed, at the rate of 167 lbs. per acre, and also where other brands at rate of 167 lbs. per acre, and you can see a considerable difference. Miller's has the lead so far, and I will use it altogether on my entire crop for next year.

Yours truly,

L. J. WEATHERS.

SHILOH, N. Y., Oct. 8, 1889.

H. S. Miller & Co.:

GENTLEMEN—Please send me *as soon as possible*, 6 tons Harvest Queen, Bridgeton, N. Y. I have not received bill for the goods just received. Am anxiously awaiting the Bone ordered in my second letter, correcting order, (2 tons). Can forward recommendations for the goods sold in the Spring and used on tomatoes, corn and potatoes. Write me if you want them.

Yours in haste,

C. W. WEST.

NAYLORS, Richmond Co., Va., Oct. 16, 1889

H. S. Miller & Co., Baltimore, Md.:

GENTLEMEN—Inclosed you will find a check for eighty-four dollars, in payment of fertilizer. We shall probably want several tons next Spring, as it has done well where tried this year. Please acknowledge the receipt of the above.

Yours respectfully,

WADDINGTON & HOLME.

SNOW HILL, Md., Sept. 2, 1889

Messrs. H. S. Miller & Co.:

GENTLEMEN—We wish you to read what the following well-known farmers in our County have to say for your goods: Mr. D. C. Fookes, (ex-Sheriff of Worchester Co.): "I used H. S. Miller & Co.'s 'Standard' on my wheat last year, and was well pleased with the results. I made an excellent crop." Mr. Geo. Hayward, (the largest grower of wheat in Worchester Co.): "I used five tons of H. S. Miller & Co.'s Standard and Harvest Queen last fall, and had a better yield from them than from anything else. My crop of wheat where I used them was excellent." Mr. Chas. F. Smith: "I used H. S. Miller & Co.'s Standard and Harvest Queen on my wheat last Fall, and made the best crop I ever made." John L. Robins: "I used H. S. Miller & Co.'s Harvest Queen on oats this Spring, and, *notwithstanding the late season and bad weather, I had more oats per acre than anyone around me,*" Mr. Littleton Bailey: "I used H. S. Miller & Co.'s Phosphates on wheat last year, and made *the best yield I ever made on the same land.*" Mr. Isaac B. Conners: "I used H. S. Miller & Co.'s Potato Phosphate last year, and made the *largest crop I ever grew* with phosphate.

These are the facts we offer, and our advice to the farmers is, that when they buy phosphate, buy goods that are reliable and will stand the test.

HASTINGS & SHOCKLEY.

BLACKSTONE, Va., August 5th, 1889.

Messrs. H. S. Miller & Co., Newark, N. J.:

GENTS—Replying to your favor of the 1st ulto., I have been handling fertilizers for twenty years. Your goods being of best quality, (an important factor in the value of all things), have given entire satisfaction to those I have furnished. They will produce heavy crops on any kind of land if it is well drained, and with seasonable weather, and leave the land greatly improved. Nothing that I have handled will surpass them. With the low prices of all farm products a planter cannot afford to buy low grade fertilizers. Respectfully,

R. E. JONES.

BERNARDSVILLE, N. J., Nov. 8, 1889.

Messrs. H. S. Miller & Co., Newark, N. J.:

I would say that I have used one ton of your Peach Fertilizer and find good results.

Yours truly,

A. DILLEY.

ELWOOD, N. J., Nov. 7, 1889.

Messrs. H. S. Miller & Co.:

GENTLEMEN—I used some of your Standard Phosphate under potatoes last Spring, and I am well pleased with the result. Expect to use the same kind of fertilizer next season.

Yours, &c., JOHN T. ROSSELL.

HARFORD FURNACE, Md., Aug. 3, 1889.

Mr. J. B. Hanway:

DEAR SIR—I take pleasure in answering your inquiry as to the results of your Harvest Queen Phosphate. It has proven very satisfactory, bringing good crops of tomatoes and corn.

Yours kindly,

E. A. DIETRICH.

MCGAW, MD., 1889.

Messrs. H. S. Miller & Co.:

I have used your Harvest Queen Phosphate this year, and taking the season in consideration, my crops look favorable.

Yours respectfully,

DANIEL FITZPATRICK.

CLAYTON, Harford Co., Md., July 29, 1889.

Messrs. H. S. Miller & Co.:

DEAR SIRS—I must send you a few lines in regard to your fertilizers. I used your Ground Bone and Harvest Queen for wheat last Fall. The results are perfectly satisfactory. I never saw grass set better; both timothy and clover. I used the same this Spring, and the prospects for a fine crop can't be beat. In the neighborhood several of my neighbors used your fertilizers. They say it beats anything they have ever used. As for my part, I believe it to be the best on the market.

Yours respectfully, JOHN M. STARR.

ORWIGSBURG, Aug. 15, 1889

Messrs. H. S. Miller & Co.:

DEAR SIRS—I received your copies of analysis of Ground Bone, with the yard sticks. People were well pleased.

M S GREENAWALD.

VANDERBILT HOMESTEAD, Staten Island, N. Y.

October 25, 1889.

H. S. Miller & Co., Newark, N. J.:

GENTLEMEN—The Bone Fertilizer I got from your salesman, Mr. Islam, is the best I ever used. I put it against other makers and find yours far the better. I shall require a quantity for my Spring crop, for which you will get order in due time.

Yours truly,

ROBT. B. HORNBY,
Manager for G. W. Vanderbilt, Esq.

H. S. Miller & Co.:

I take pleasure in recommending your Harvest Queen Fertilizer to be the best I have ever used. I have used it on oats and corn, and never had as good crops with any other brands, as I have with the Harvest Queen. Shall use no other but the Harvest Queen hereafter.

WILLIAM J. WHITBECK.

MADISON, N. J., October 22, 1889.

H. S. Miller & Co., Newark, N. J.:

GENTS—The fertilizer that I got from you is the best I ever had. My corn crop was very fine. I had ears of corn from 14 inches to 18 inches. I never saw such a crop, and my potatoes was the best early crop I ever saw. I must say I shall use no other fertilizer but H. S. Miller & Co.'s for the future, and shall strongly recommend it to others. Will want a large quantity next Spring.

I am, &c.,

GEO. E. BARDAN,
Manager to E. Relley, Esq.

Stock Farm, Madison, N. J.

FREETOWN, N. Y. August 27, 1889.

H. S. Miller & Co.:

DEAR SIRS—I enclose a few testimonials which I have collected on short notice. Would be glad to send you more if I had time to see different parties who have used your fertilizers.

T. DAVISON.

LAMBERTVILLE, Aug. 5, 1889.

Messrs. H. S. Miller & Co.:

I have used your fertilizers for the past year, and they have given me as good results as anything I have ever used for the money, and I propose to still continue on with it.

Yours, WESLEY CASE.

WOODSVILLE, Aug. 16, 1889.

Messrs. H. S. Miller & Co.:

DEAR SIRs—I have used your fertilizers by the side of other goods, and can say it has done me equally as good, and I expect to use it all this Fall.

Yours, JOHN E. MISHON.

WOODSVILLE, Aug. 15, 1889.

Messrs. H. S. Miller & Co.:

DEAR SIRs—I have used a great many different kinds of fertilizers, and I think your goods have given me as good satisfaction as any I have ever used, especially the drilling qualities.

Yours, B. F. HOLCOMBE.

COVINGTON, GA., Aug. 15, 1889.

Messrs. H. S. Miller & Co.:

I used ten tons of your Harvest Queen last season, and fifteen tons this season, putting about 100 lbs. per acre with seed when planted. I think much of my cotton will make a bale per acre this season. My usual crop is about 100 bales, and have used many kinds of guano, but I am convinced, the goods made by you are the best I have used, and believing this, I use no other kind. It can be told readily under corn or cotton within ten days after the seed is out of the ground. I have several rows without guano, besides where I only used 100 lbs. of Harvest Queen per acre. The guanoed row will double the other, even in such a year as this.

Respectfully, N. C. LEE.

WALTERS, N. C.

Morris & Taylor Goldsboro, N. C.:

GENTS.—I used some of H. S. Miller & Co.'s Guano this year, and think it the best I ever used.

GEO. L. BECTON.

BUFFALO, N. Y., Aug. 26, 1889.

Messrs. H. S. Miller & Co., Newark, N. J.:

GENTLEMEN—Kindly excuse our tardiness in replying to your favor of July 10. We have been so very busy that correspondence had to be allowed to accumulate, and perhaps—we are sorry to say—to be neglected.

We have not made comparative tests of fertilizers this season, hence could not give comparative results. We will say, however, that the goods seem to be thoroughly good, and the results, in the forepart of the season, which was wet, were *very marked*. Later and until now our crops have been suffering from continued drought, consequently we do not now get the results from the applications that we otherwise would. We shall, at the end of the season, refer to your goods in our columns. We also have noticed how your fertilizers come out in the station analyses, and only wonder how you manage to obtain plantfoods so you can sell them as cheap as you do.

Yours truly,

POPULAR GARDENING.

NEWARK, N. J., Aug. 24, 1889.

Messrs. H. S. Miller & Co.:

GENTS—Having purchased of your respected agent, J. H. Conley, 901 Broad st., Newark, N. J., the Egyptian Powder, of which we find as a disinfectant also for saddle sores and gauls, one of the best to be had, we kindly recommend it to all stables in need of a disinfectant. Please send us another barrel.

MANGELS & SCHMIDT.

Office of MANGELS & SCHMIDT,

Manufacturers of Bread,

348, 350 & 352 Court street,

Newark, N. J.

WEST SUMMIT, Aug. 17, 1889.

Messrs. H. S. Miller & Co.:

DEAR SIRs—I purchased one-half ton of Corn Fertilizer from Mr. J. J. Lane, agent. I can safely recommend it to be as it is stated in your annual catalogue. My neighbors planted corn three weeks before me, and mine looks just as well in growth and in color.

Yours respectfully, JOHN B. WALSH.

GOLDSBORO, N. C., August 21, 1889

Messrs. H. S. Miller & Co, Baltimore, Md.:

GENTS.—We enclose you a few more testimonials for your Guano. There are few more parties we want to get certificates from. Everyone is pleased with your goods. Some complain of bad crops, but say it is from too much rain. All say they expect to use H. S. Miller & Co's goods as long as they are kept to present standard.

Yours truly,

MORRIS & TAYLOR.

WALTERS, N. C., Aug. 21, 1889.

Morris & Taylor:

GENTS.—I have used H. S. Miller & Co's Guano two years, and think it the best I ever used. I tried it under corn and cotton, and it beats anything I ever used.

G. J. YELVERTON.

DUDLEY, N. C., Aug. 20, 1889

Messrs. Morris & Taylor, Goldsboro, N. C.:

GENTS.—I like H. S. Miller & Co's Guano better than any I ever used, and expect to use it as long as it is kept up to the present high standard.

Yours truly,

I. F. GRANTHAM.

SHINE, N. C., Aug 20, 1889

Messrs. Morris & Taylor, Goldsboro, N. C.:

GENTS.—I have been using guanos for several years, and can say I am better pleased with H. S. Miller & Co's than with any I ever used.

Yours truly,

JIM NEWSOME.

McKEANSBURG, Pa., Aug 15, 1889.

DEAR SIRs—The Standard Phosphate I used on corn, bought of M. S. G., your salesman, on part of the field. We could see a great difference in the corn during growing. The part of the field which had no phosphate is much smaller.

Yours truly,

JOSEPH SHOENER.

THE OPINION OF MARYLAND'S STATE TREASURER.

BEL AIR, MD., August 5, 1889.

W. Smithson Forwood, Esq.:

DEAR SIR—I purchased of you last fall, and again this last spring, H. S. Miller & Co's Pure Bone Meal, and must say that I regard it as one of the best fertilizers I have used. My object, however, in writing is to say that I wish you to order for me this fall when you send your order for a new supply.

Yours truly,

STEVENSON ARCHER.

EAST PARK, Sept. 27, 1889.

H. S. Miller & Co.:

GENTS—Will you send to Hyde Park one and one-half tons of your Pure Ground Bone, such as I had last year, for which I paid.....ton cash. I think next Spring I can handle some more of your goods. The Bone proved very satisfactory. You can send by boat to Hyde Park. I shall want it sure by Tuesday or Wednesday next week, so ship as soon as possible. I may want more later, but 3,000 lbs will fill the bill now.

Yours truly,

W. L. HALSTEAD,

BLACKSTONE, Va, Nottoway Co., Aug. 5th, 1889

Messrs, H. S. Miller & Co., Newark, N. J.:

GENTS—I have been using fertilizers for eleven years, and experience has taught me to know the necessary elements of a good fertilizer. Receiving one of your manuals, I saw the analysis of your goods, and that the best material was used, so I bought some of your agent here, and was never better pleased with results. It is surely a complete food for crops, and a renovator of worn out lands, making heavy crops, followed by heavy sod of grass and clover crops. Used once, any one will be satisfied of their superior value.

Respectfully,

LOU. J. JONES.

SUMMIT, N. J., Sept. 20, 1889.

H. S. Miller & Co., Newark:

GENTLEMEN—I wish to add my name to list of testimonials to your fertilizer. I have used your Vegetable, Harvest Queen and Lawn Fertilizer, and the results were more than expected. Crops turn out in better condition than I had in years.

Respectfully,

WILLIAM SHED.

Foreman for Gustav Schwab.

Baltimore Co., Sept. 1889.

Mr. J. B. Robinson, White Marsh, Md.:

DEAR SIR—I have been using the H. S. Miller & Co. Harvest Queen Phosphate for several years. Have noted results carefully, and believe that for peas, potatoes, cabbage, corn, beans, onions, all of which I have raised good crops by its use. It is as good as any of the higher priced phosphates I have ever tried.

Yours,

JAMES A. FRANCIS.

NEWARK, N. J., Sept. 28, 1889.

H. S. Miller & Co.:

GENTS—Having purchased of your agent, J. H. Connelly, 901 Broad Street, the Egyptian Powder, which we find as a disinfectant to be one of the best, also for galls and sores.

MRS. A. L. ERB,

Livery Stable, 22 William St.

SAGG, Suffolk Co., L. I., Sept. 23, 1889.

H. S. Miller & Co.:

DEAR SIRS—I used your Potato Fertilizer for potatoes. They looked fine up to the time the blight took them, and all that used your fertilizers, as far as I can learn, were well pleased with them. I think they are first-class.

Respectfully yours,

W. WALLACE WILDRETH.

CHAPEL HILL, N. C., Aug. 19, 1889.

Messrs. H. S. Miller & Co.:

SIRS—I write to get cash prices for your Ammoniated Dissolved Bone Phosphate for wheat. Give me the lowest price you can for cash, as I think I can sell several car loads. Will send you testimonials in a few days. I forgot to send them when you asked me some time ago. You can say I sold over 200 tons this year, and every one I have asked how they like it, say it is as good as they ever used, and are well pleased, and say they want it for wheat. In every case where other brands have been used with it, the H. S. Miller & Co.'s is ahead. Let me hear from you.

Your friend,

J. Y. MERRITT.

PORT ROYAL, S. C., Aug. 17, 1889.

Messrs. Johnson & Co., Savannah, Ga.:

GENTLEMEN—The "Harvest Queen" bought by me in the Spring from your house is now beginning to show its value as a fertilizer for *Sea Island Cotton*. This land (Paris Island) has been planted consecutively for six (6) years, and the present crop is unquestionably the best I have ever had. I attribute it largely to the merits of the fertilizer.

Yours truly,

JOHN A. JOHNSON.

MARTINS, S. C., Aug. 17, 1889.

Messrs. Johnson & Co., Savannah, Ga.:

GENTS—I received yours of the 10 inst. My cotton is fair, but injured by so much rain. I think your fertilizer is very good.

Yours truly, T. D. JOHNSON.

GRAHAM, GA., Aug. 7, 1889.

Messrs. Johnson & Co., Savannah, Ga.:

DEAR SIR—Yours of the 6 inst. is at hand. In reply would say the fertilizer is giving perfect satisfaction for cotton and other crops. I have seen some of my neighbors' cotton, and it is the best they ever had. We used it, and it has proven good for us.

Yours truly,

B. C. WILLIAMS.

RIDGELAND, S. C., Aug. 3, 1889.

Messrs Johnson & Co., Savannah, Ga.:

GENTLEMEN—In reply to your favor of the 2 inst. I will state that I have used four tons of Messrs H. S. Miller & Co.'s Guano, viz.: one ton Standard Bone, three tons Ammoniated Dissolved Bone, and I am highly pleased with the result. I can recommend it as the best fertilizer I have ever used. I am yours respectfully,

J. F. WALL.

SARATOGA, Nov. 11, 1889.

Messrs. H. S. Miller & Co.:

DEAR SIRs—I am very much pleased with your fertilizers. I have tried a good many different kinds, but have not found any that suited me any better than yours. I think where people fail in using fertilizers, is in not using more. They think a bag or two is enough for an acre, and think that one-half the money's worth of them ought to go as far as twice that amount in stable manure.

Yours truly, A. S. CROSLY.

HINSDALE, Queens Co., L. I., Aug. 16, 1889.

Messrs. H. S. Miller & Co., Newark, N. J.:

The Standard Bone Fertilizer which I bought from your salesman, Mr. G. Islam, is the very best I ever used. I had the largest and finest crop of potatoes from your fertilizer, and will use no other but yours for the future.

Yours, etc., D. A. BAYLIS.

ROBERTVILLE, S. C., July 29, 1889.

Messrs. Johnson & Co., Savannah, Ga.:

DEAR SIRs—In reply to your inquiry of July 1, with reference to condition of crops on which the H. S. Miller & Co.'s Fertilizers were used, that I received of you last Spring, would say: I have applied to corn, cotton and garden. The Harvest Queen is the best fertilizer I ever used. Cotton is well grown and fruiting well. Corn is just splendid. In fact, it is superior to anything I ever tried on corn, though the seasons have been unfavorable.

Yours truly, C. L. LAWTON.

CORTLAND, August 20, 1889.

H. S. Miller & Co.:

I used some of your Corn Fertilizer and Harvest Queen last Spring, with better results than any Fertilizer I ever used before.

ERVIN MAYCUMBER.

FREETOWN, N. Y., August 26, 1889.

Messrs. H. S. Miller & Co.:

I am glad of the opportunity to recommend your fertilizers, as I have the past season used over two tons, including Corn Fertilizer, Potato Fertilizer, Standard and Harvest Queen, all of which have given perfect satisfaction. I speak of my oat crop in particular, on which I used the Harvest Queen Fertilizer; it was not only good, but the best crop of oats I ever had.

BYRON GRANT.

FREETOWN, N. Y., August 24, 1889.

Messrs. H. S. Miller & Co.:

I have, the past season, used three different brands of your fertilizers with the most favorable results. I can recommend them as being first-class.

CLARENCE TRIPP.

FREETOWN, N. Y., August 29, 1889.

H. S. Miller & Co.:

DEAR SIR—I have tried both Harvest Queen and Corn Fertilizer and am well pleased with the results.

HARVEY TUTTLE.

FREETOWN, N. Y., August 26, 1889.

H. S. Miller & Co., Newark, N. J.:

GENTS—Having tried several different brands of fertilizers, I was induced by your agent, T. Davison, to try your Corn Fertilizer, which gave me entire satisfaction, and can heartily recommend it to any one who wants a first-class fertilizer for corn.

Yours with respect,

H. MARTIN.

LIBERTY CORNER, N. J., Nov. 14, 1889.

Messrs. H. S. Miller & Co.:

DEAR SIRS—I bought from your agent, Mr. John Compton, 500 lbs. of Ground Bone and Standard Fertilizers last season, and used it on my rye, at the rate of 250 lbs. to the acre, sowed broad-cast. I also used by the side of it, fifteen loads of stable manure to the acre. The fertilizers gave me as good results as the manure. I also used your Harvest Queen and Dissolved Bone Phosphate on my corn this season, at the rate of 125 lbs. to the acre. My corn yielded 100 bushel ears to the acre on medium light land. I used your Dissolved Bone Phosphate on my wheat, this Fall, drilled in at the rate of 200 lbs. per acre, which has given it a fine top for the winter. I would cheerfully recommend your fertilizers to all, as they cannot be beat. Shall use it again next season.

Yours truly, CHARLES P. BIRD.

LYONS, N. J., Nov. 12, 1889

Messrs. H. S. Miller & Co.:

I have used your goods this year, and they have given good satisfaction. I cheerfully recommend them to all farmers as first-class fertilizers.

Yours respectfully, L. H. BOWERS.

LIBERTY CORNER, N. J., Nov. 9, 1889.

Messrs. H. S. Miller & Co.:

DEAR SIRS—I used your Standard Fertilizer on corn this Spring, and it gave entire satisfaction. I also used a ton on my wheat this Fall, and that is looking finely.

Yours respectfully, W. L. ALLEN.

CRESWELL, July 3, 1889.

J. B. Hanway, Esq.:

DEAR SIR—The Harvest Queen Phosphate and Ground Bone purchased of you this Spring has given me very satisfactory results on both oats and tomatoes. I used another phosphate on tomatoes, costing three dollars per ton more, and find the Harvest Queen has done me more good. I will use it exclusively next season.

Yours respectfully, JOHN MCKEE.

H. S. Miller & Co.:

Your goods, so far as I have heard, have given satisfaction, and we think it is one of the best fertilizers on the market. I will send you a few names I have been selling to, including myself.

EBEN DAVITT, Defreestville,
AMBUS FRIEND, Sandlake,
MR. TIMMERMAN, Sandlake,
MADDISON YOUNGHANS, North Greenbush,
PETER M. DEFREEST, North Greenbush,
EDMOND DEFREEST, North Greenbush.

WASHINGTON, N. J., Nov. 9, '89.

Messrs. H. S. Miller & Co.:

DEAR SIRs—Will say that I like your Standard Fertilizer first-rate, and so far as I have heard, all who have used your fertilizers on wheat and corn, speak well of them, and I believe them to be as good as any and better than most. Where I used your fertilizers, it was with marked success.

Yours truly, JOHN W. CLINE.

ORWIGSBURG, PA.

Messrs. H. S. Miller & Co.:

DEAR SIRs—I have used your Standard Phosphate on potatoes, and it did excellently. I wish to use it hereafter.

ANDREW POTTS.

BARNESVILLE, GA., Aug. 10, 1889.

Messrs. A. O. Murphey & Hunt:

The "Harmony" Guano bought of H. S. Miller & Co. through you, has proven the best fertilizer I ever used. I am well pleased, and want it again.

(Signed,) R. E. WILSON.

Messrs. H. S. Miller & Co.:

DEAR SIRs—I can say that after using your fertilizer, that it is the best fertilizer that I ever used, for the money, and am well pleased with what it has done for me. My oats were very good for the season, and my potatoes were also very good. I am well pleased, and think I will take an agency for it in the Spring. I think I can sell lots of it.

Yours truly, JOSEPH LAYTON.

SALISBURY, MD., August 1, 1889

H. S. Miller & Co.:

GENTLEMEN—I bought of your agent, H. J. Phillips, Ground Bone, Medium Bone and Ammoniated Bone and used on my oats at the rate of 400 lbs. per acre on sandy land and made 20 bushels per bushel sowing. This is the best crop I have made in twelve years, and is the best ever reported in this section. My clover, seeded in my oats, looks excellent. Shall continue to use it, as long as it stands up and gives such results.

Respectfully yours, JOHN W. PARKER.

SALISBURY, MD., August 1, 1889.

H. S. Miller & Co.:

GENTLEMEN—I bought of your agent, Hugh J. Phillips, your Standard Phosphate and used it on corn, and can say it looks the best I have had for years, and if the season had not been so wet, would have had a still greater yield. I am pleased with the goods.

Respectfully, W. A. HUMPHREYS.

SHINE, N. C., August 8, 1889.

Messrs. Morris & Taylor, Goldsboro, N. C.:

GENTS—I used H. S. Miller & Co.'s Guano this year, and like it better than any I ever used. I have the best cotton in my neighborhood. I would rather have one ton of Harvest Queen than two tons of any other Guano. All my neighbors are well pleased with it.

Yours truly, C. H. SMITH.

BARNESVILLE, GA., August 8, 1889.

H. S. Miller & Co., Baltimore, Md.:

DEAR SIRS—The reports up to date from the goods bought of you last season are very satisfactory, and we hope, in a few days, to send in some very valuable testimonials.

Very truly,
A. O MURPHY & HUNT.

BULL HEAD, N. C., August 6, 1889.

Messrs. Morris & Taylor, Goldsboro, N. C.:

GENTS—I used H. S. Miller & Co.'s Fertilizers this season and think they are as good as any ammoniated goods I ever used.

Yours truly, CHAS. D. TAYLOR

MONMOUTH JUNCTION, N. J., }
August 3, 1889.

Messrs. H. S. Miller & Co., Newark, N. J.:

DEAR SIRs—The Harvest Queen Fertilizer I bought of your agent, W. J. Rowland, last Spring, I used on oats, at the rate of 100 lbs. per acre on very light land, that has been tilled every year for several years past. The oats were very good, being about 6 feet 4 inches high, with large well-filled heads, some of which I will send you for your office. I am very much pleased with your goods, and will use more of them, and would recommend them to all wanting a first-class Fertilizer.

Yours truly, JAMES S. HIGGINS.

LUMBER CITY, GA., July 24, 1889.

Messrs. Johnson & Co., Savannah, Ga.:

GENTS—Your postal at hand. I have seen the most of the farmers using Harvest Queen. They are the best pleased with the effect so far. The prospect of the cotton is the best for this time of the year. It is almost too soon to rely on the cotton crop. The farmers are very buoyant on the outlook.

Yours truly,
R. A. HORTON.

ALLENDALE, S. C., July 22 1889.

Messrs. Johnson & Co., Savannah, Ga.:

DEAR SIR--Your postal is at hand. The Guano that I bought from you is the best we have used since the war. It does so well, that I will buy it again, if it can be had from you. I tried it side by side with other Guanos, and it has beaten all that I have tried. Cotton crops are very fine up to now.

Yours truly, SILAS CAVE.

ALLENDALE, S. C., July 22, 1889.

Messrs. Johnson & Co.:

DEAR SIRs—Your postal is at hand. Your Guano is the best I have used, and it gives me great satisfaction. It beat all the Guanos that I put along side of it this year, and if I live I expect to buy from you again. My cotton crop is very fine.

Yours truly, PINKNEY CAVE.

Per S. C. Cave.

Office of DARBIE'S JERSEY MILK DAIRY, }
1914 N. Charles Street, }
BALTIMORE, MD., July 31, 1889. }

*Messrs. H. S. Miller & Co., 202 and 206 Buchanan's
Wharf, Baltimore, Md.:*

DEAR SIRS—I used your Ground Bone and Harvest Queen Phosphate last Fall for wheat, on my farm near Highlands, and though the seed was spoiled before planting, it made me a good crop of straw, and the grass following, I never saw better. Have also used it for corn with satisfactory results. I shall use it this Fall on rye.

Yours respectfully, B. F. DARBIE.

CHAPTICO, July 29, 1889.

Messrs. H. S. Miller & Co.:

Gentlemen—Your Standard Harvest Queen and Ground Bone I bought of Mr. A. Burroughs are good goods. They have given satisfaction as a crop producer, and as a permanent improver of the soil. I am especially pleased with your Ground Bone for wheat.

Yours respectfully,
JOHN A. BURROUGHS.

INDIAN FIELDS, N. Y., July 30, 1889.

Mr. J. M. Norris:

DEAR SIR—I used the H. S. Miller & Co's Harvest Queen Fertilizer last spring on oats, and am well pleased with its result. I think it is equal to, if not superior to any I have ever used.

Respectfully,
P. R. WHITBECK.

INDIAN FIELDS, N. Y., July 30, 1889.

Mr. J. M. Norris:

DEAR SIR—I used the H. S. Miller & Co.'s Harvest Queen Phosphate in trial with two other brands, and the results were very noticable in straw and grain where your goods were used. This Spring I used it on oats at the rate of one bag to the acre, and my oats are fine in quality and have escaped the rust so general in this vicinity.

Yours respectfully, JOSEPH W. COWEN.

VINLAND, NEWPORT, R. I., Aug. 5, 1889.

Messrs. H. S. Miller & Co., Newark, N. J.:

I have used your Bone Meal in replanting my rose house this Summer, also the Bone Flour in potting Chrysanthemums, etc. Both show good results, and I consider them one of the cleanest and best Fertilizers in use. I intend to use your Ground Bone in making new grape vine border this Fall.

Yours, etc., DAVID GORDON.

Gardener for L. L. Lorillard.

PEARL RIVER N. Y., July 31, 1889.

Messrs. H. S. Miller & Co., Newark N. J.:

GENTLEMEN—The Bone Flour Fertilizers you sent me last season were entirely satisfactory and gave good results.

I am, yours truly, JOHN THORPE.

PERRY, GA., August 6, 1889.

Messrs. H. S. Miller & Co.:

GENTS—In reply to yours of recent date, I am authorized to say, that Dr. M. W. Harris has used your Standard Phosphate for two years and says that he expects to use it as long as he can get it. He is satisfied that it is the best Fertilizer sold in this section. Also Mr. T. D. Gurr (who is one of our best farmers) says you can use his name in its praise. I could get a number of others, if I had the time to see them, who would give the highest endorsement.

Respectfully, W. D. DAY.

SAULSTON, N. C., August 8, 1889.

Morris & Tay'or, Goldsboro, N. C.:

GENTS—I think H. S. Miller & Co.'s Guano has proved, so far, as good as any I ever used. Yours truly,

J. J. LANGSTON.

CRANBURY, N. J., August 5, 1889.

Messrs. H. S. Miller & Co., Newark, N. J.:

I purchased $1\frac{1}{2}$ ton of your Potato Manure of your agent, Wm. D. Perrine, of Cranbury, N. J., last Spring, and used it on my potatoes at the rate of 600 lbs. per acre, and it gave me excellent satisfaction. I shall continue using it.

Yours very respectfully,

WM. H. VASIAN.

WOODBINE, PA., August 6, 1889.

Messrs. H. S. Miller & Co :

GENTLEMEN—In regard to your inquiry, I have used your Standard and Harvest Queen Phosphate on wheat and tobacco, and I had as good wheat as any of my neighbors on much thinner land; and my tobacco is looking very fine, and is as good as any in our township, and will use it this Fall on my wheat. Have engaged two tons from Mr. Murphy.

Yours respectfully,

SAMUEL BARNHART.

FAWN GROVE, PA., August 5, 1889.

Mr. T Z. H. Murphy:

I used H. S Miller & Co.'s Harvest Queen Phosphate last Fall on my wheat, 350 lbs., drilled and had it threshed, making me $29\frac{1}{2}$ bushels wheat to the acre. Used it along side of my neighbors, they using other goods, which cost them \$30 per ton, and they had a yield of 19 bushels to the acre. This satisfies me. I will use all this Fall of Miller's Harvest Queen Phosphate.

Yours truly,

WILLIAM CHANNELL.

CRANBURY, N. J., August 5, 1889.

Messrs. H. S. Miller & Co , Newark, N. J.:

GENTS—I tried your Potato Manure on my potatoes this year at the rate of 500 lbs. per acre, and must say, it gives me excellent satisfaction. I also, as your agent, have not heard of a single complaint from my customers. And as this year is the first I have acted as agent for it, I think my sales will increase another year 100 per cent.

Yours very respectfully,

WM. D. PERRINE.

SHINE, N. C., August 8, 1889.

Morris & Taylor, Goldsboro, N. C.:

I used H. S. Miller & Co.'s Guano this year, and like it better than any I ever used. It beat good compost.

Yours truly,

ABSALOM TAYLOR.

SAULSTON, N. C., August 6, 1889

Messrs. Morris & Taylor, Goldsboro, N. C.:

GENTS—I used H. S. Miller & Co.'s Guano, and am well pleased with it.

Yours truly,

W. T. LANGSTON.

J. NEWMAN & SONS,
FLORISTS,
51 TREMONT ST.

BOSTON, August 6, 1889.

Messrs R. & J. Farquhar & Co.:

GENTLEMEN—In reply to your inquiry of August 5 we would say, that we think the Bone Flour, made by H. S. Miller & Co., of Newark, N. J., which we have been using the past year, far superior to anything of the kind we ever had before. The benefit to the plants, whether carnations or roses, is almost immediately noticeable, as it is so fine it seems to become soluble as soon as used. Please send us two barrels more as soon as convenient, and oblige

J. NEWMAN & SONS.

No No, Putnam Co., Ga., August 4, 1889.

H. S. Miller & Co., Baltimore, Md.:

DRAR SIRs—I have been using Guano for a number of years, but none gave me the satisfaction that your Standard Guano has.

H. L. McLEROY.

No No, Putnam Co., Ga, August 4, 1889.

H. S. Miller & Co., Baltimore, Md.:

DEAR SIRs—I have used Guano for twenty years, but I can say cheerfully that your Standard is the best that I have ever used.

W. C. PASHAM.

CRANBURY, N. J., August 5, 1889.

Messrs. H. S. Miller & Co., Newark, N. J.:

GENTS—Having used some of your Potato Manure on my potatoes the past season, I like it very much. My brother also speaks very highly of its merits. We both will continue using it another year.

Yours respectfully,

JAMES HAGGERTY,

RICHARD HAGGERTY.

CRANBURY, N. J., August 5, 1889.

Messrs. H. S. Miller & Co., Newark, N. J.:

GENTS—I used some of your Potato Manure last season and like it very much. I intend to increase my purchases next year.

Yours respectfully,

S. E. PERRINE.

CAPE P. O., Randolph Co., N. C., }
August 7, 1889.

Messrs. H. S. Miller & Co.:

I have used your Ammoniated Dissolved Bone Phosphate and Harvest Queen for the past two years, and find it as good or better than any that I have ever used.

Respectfully, ISAAC W. PARKS.

CAPE P. O., Randolph Co., N. C., }
August 5, 1889.

Messrs. H. S. Miller & Co.:

This is to certify that I have been using H. S. Miller & Co.'s manipulated Guano for the past two years, and consider it as good a Fertilizer as any I have ever used, if not better, for corn, cotton and wheat.

J. M. GREEN.

WASHINGTON, D. C., August 8, 1889.

Messrs. H. S. Miller & Co.:

GENTS—For two seasons I have used your Standard Phosphate and Ground Bone. I consider them first-class goods and can recommend their use.

Respectfully, D. B. CAMPBELL,
Fort Foot, Md.

WASHINGTON, D. C., August 8, 1889.

Messrs. H. S. Miller & Co., Baltimore, Md.:

GENTS—For two years I have handled your Standard Fertilizer and Ground Bone. They have given entire satisfaction to my trade.

Respectfully yours,
J. T. CAMPBELL.

SALISBURY, MD., August 1, 1889.

H. S. Miller & Co.:

GENTLEMEN—I bought of your agent, Hugh J. Phillips, some of your Ground Bone, Standard and Harvest Queen Phosphate. Part of the crops not harvested yet, but look better than I have had for years. I have tried many grades of goods, but can say from crops now, it is equal to any I have ever tried in Maryland or Delaware. *It is the best mixed goods I ever used*, and shall continue to use same as long as it keeps up its present standard.

Yours, CHAS. ELZY.

GRAY'S P. O., S. C., July 29, 1889.

Messrs. Johnson & Co., Savannah, Ga.:

GENTLEMEN—Yours of the 18th inst. received. I would say in reply that I have used, the present year, your fertilizer, and Fertilizer, side by side, with 25 bushels of cotton seed; 1 sack of each fertilizer per acre in old worn land. In June we had three weeks rain; some of the most drenching showers I ever saw. From the 1st of July to the 24th, without any rain, the most of the cotton is looking well. Some of the poorest hills are shedded off; almost ruined. No difference between the two fertilizers. I used your Fertilizer on some tolerably fresh land, (hammock land), 1 sack per acre, without any other. It is fine. The seasons have not hurt it. It is from 3 to 6 feet high, well fruited. It is Allen cotton. I have 22 acres of Allen cotton. I think yours a first class fertilizer; as good as the best. I expect to use it again.

Yours truly

RILEY COPE.

SAVANNAH, Ga., August 1, 1889.

Messrs. H. S. Miller & Co.:

GENTLEMEN—Your favor of the 23d inst. received and noted. We have sent out a large number of circular letters, asking for all information as to the cotton crop, and especially in reference to your fertilizers, but have received comparatively few replies so far. but all praising it highly. We enclose a few from first-class farmers in South Carolina and Georgia. Will forward more as soon as can hear from them.

Yours truly,

JOHNSON & Co.

BROWNING, S. C., July 6, 1889.

Messrs. Johnson & Co., Savannah, Ga.:

GENTS—I used your Harvest Queen this season, and I think, that, up to this time, it is paying me better than any Fertilizer that I have ever used.

Yours respectfully,

R. R. WILSON.

GOLDSBORO, N. C., August 8, 1889.

Messrs. Morris & Taylor, Goldsboro, N. C.:

GENTS—I used H. S. Miller & Co.'s Guano by the side of another Standard Brand. Where I used Miller's was so much better that it looked like there was none used where I put the other. Yours truly, A. H. TOLER.

ATHEL, MD., August 9, 1889.

Messrs. H. S. Miller & Co.:

DEAR SIRS—In reply to your letter, I have to say, I have used your Fertilizer for two years, and it gave me entire satisfaction. I think it is a good manure, and shall continue to use it next season.

Yours respectfully,

E. LANSTIN.

GOLDSBORO, N. C., August 8, 1889.

Messrs. Morris & Taylor, Goldsboro, N. C.:

GENTS—I used two tons of H. S. Miller & Co.'s Ammoniated Dissolved Bone this year, and think it the best Guano I ever used. I would rather have one bag (167 lbs.) of Miller's than 200 lbs. of any other brand.

Yours, &c.,

SIMPSON WYNNE.

GOLDSBORO, N. C., August 8, 1889.

Messrs. Morris & Taylor, Goldsboro, N. C.:

GENTS—I used H. S. Miller & Co.'s Guano this year, and like it the best of any I ever used.

Yours truly,

D. B. BROGDEN.

DUDLEY, N. C., August 8, 1889.

Messrs. Morris & Taylor, Goldsboro, N. C.:

GENTS—I used H. S. Miller & Co.'s Guano this year. The seasons have been bad for Guano, but I think it as good as any.

Yours truly,

JNO. F. FIELDS.

GOLDSBORO, N. C., August 8, 1889.

Messrs. Morris & Taylor, Goldsboro, N. C.:

GENTS—I used H. S. Miller & Co.'s Guano this year, and think it as good as any.

Yours truly,

ED. FOUST.

WHIPPANY, N. J., August 6, 1889.

Mr. J. H. Polhemus:

DEAR SIR—H. S. Miller & Co.'s Fertilizers, which you have sold me for two years past, have *given very satisfactory* results, and I take pleasure in recommending them to all in search of a first-class article.

THOMAS ELLIS.

WHIPPANY, N. J., August 5, 1889.

Mr. J. H. Polhemus:

DEAR SIR—The H. S. Miller & Co.'s Fertilizers, which I have bought of you for the last two seasons, have given entire satisfaction, and I think them a first class article

GEO. T. FREEMAN.

WHIPPANY, N. J., August 6, 1889.

Messrs. H. S. Miller & Co.:

GENTLEMEN—The statements that are coming in from time to time regarding the value of your Fertilizers are indeed very encouraging to me as one of your agents, during the two years I have sold your goods. I have yet to hear a single person speak other than a favorable report. The universal verdict of the farmers in this vicinity is: They equal, if not excell, any Fertilizers they have ever used. The goods will sell themselves, so long as they are kept up to the present high standard of excellence. Wishing you every success, I am,

Yours most respectfully, J. H. POLHEMUS.

CRANBURY, N. J., August 5, 1889.

Messrs. H. S. Miller & Co., Newark, N. J.:

GENTS—I used your Potato Manure on my potatoes this season. I like it very much. It is superior to any I have ever used.

WM. F. REESE.

WALTERS, N. C., August 8, 1889.

Morris & Taylor, Goldsboro, N. C.:

GENTS—I have used H. S. Miller & Co.'s Guano this year, and think it as good as any I ever used. We have had too much rain, otherwise it would have done much better.

Yours truly, J. P. Cox.

\$500.00 PREMIUM

RECEIVED AT

PIEDMONT + EXPOSITION,

ATLANTA, GA.

—§—

Talbotton, Ga., Nov. 20, 1889.

*Messrs. H. S. Miller & Co., Balti-
more, Md.*

*Gentlemen:—What are the best
prices, 20 to 30 tons Standard; 10 to
20 tons Ammoniated Dissolved
Bone?*

*I have just returned from the Pied-
mont Exposition at Atlanta, Ga. I
received the \$500 premium offered
for the best individual farm display
and it was all made with your
guanos. Would have made good ad.
for you had you been represented
there.*

Very truly,

W. K. DENNIS.

GRAYSBURG, N. C., Nov. 10, 1888.

Messrs. H. S. Miller & Co., Baltimore, Md.

DEAR SIRs—The parties to whom I sold your Guano, last season, are well satisfied with its results. and expect to use it again. It is as good as——if not better.

Yours truly, WALTER GRANT.

SUCCASUNNA, N. J., May 28, 1888.

Messrs. Miller & Co.:

DEAR SIRs—I must state right here that your Fertilizer is giving a decided satisfaction so far. The ton of Harvest Queen Mr. Hunter ordered, he put on fifteen acres of oats, on poor ground, and it is surpassing in growth all of the oats in the neighborhood, and I am not very backward in pointing them out to those who don't believe in fertilizers. I think there will be a large demand another year in this place for it, notwithstanding the numerous other agents here. *I wish you would send me up 500 potato and 500 lbs. of Corn Fertilizer, in barrels, as soon as you conveniently can.* I will remit to you the amount due on orders filled as soon as the time expires and I collect, which is about thirty days. Yours truly, RICHARD FITZHERBERT.

NORFOLK, Va., Nov. 16, 1888.

Mr. W. W. Oliver:

DEAR SIR—I used H. S. Miller & Co.'s Vegetable Compound Fertilizer alongside my cabbages this last season at the rate of 20 pounds every 150 yards each time I fertilized them, and the result was, I had as large and fine cabbage as I ever grew. I also used under my Irish potatoes, H. S. Miller & Co.'s Potato Fertilizer at the rate of 20 lbs. to every 80 yards, and made about the best crop I ever grew. I experimented on a piece of sandy land with 4½ barrels early potatoes and used this Fertilizer. The yield was 162 barrels of No. 1 potatoes. I expect to use the same Fertilizer again. Respectfully,

T. WILSON SELDEN.

LITTLETON, N. C., Oct. 2, 1888.

Messrs. H. S. Miller & Co., Baltimore, Md.:

DEAR SIR—Your favor 27th Sept., 1888, and contents duly noted. I have asked several parties to whom I have sold your Guano this year, and they speak very highly of same, and say they are well pleased, and will take pleasure in giving a certificate on same.

Yours truly,

SOL. J. STALLINGS.

ELIZABETH, N. J.

H. S. Miller & Co..

Your Fertilizer, bought of Mr. George Kitchell, gave entire satisfaction, used on corn. The stalks are much larger, and the yield of corn one-third more than where I did not use it.

Respectfully yours,

M. W. BUDD.

CHESTERTOWN, Md. Nov. 8, 1889.

Messrs. H. S. Miller & Co., Newark, N. J.:

DEAR SIRs—Yours of the 29th ulto. at hand. Your goods are being appreciated, and I know of none who have used them who are not pleased, both as to conditions and results.

Very truly yours,

W. N. E. WICKES.

HANOVER, N. J., Nov. 20, 1889.

Messrs. H. S. Miller & Co.:

DEAR SIRs—I have used several tons of different brands of your Fertilizers, and think they are superior to any I have used.

Yours etc.,

M. M. COOK.

CROYDON, N. H., Nov. 21, 1889.

Messrs. H. S. Miller & Co.:

DEAR SIRs—I have been engaged in practical agriculture many years, and during the last twenty years have used considerable quantities of Commercial Fertilizers of different makes. The last two years I have used your Superphosphate of Lime of standard grade, on all kinds of farm crops. It has given excellent results, and is more marked on grass the second year than any other brand I ever used. I consider it the surest and best of [any] commercial fertilizers.

L. P. COOPER.

CAMILLA, Ga., Nov. 7, 1889.

H. S. Miller & Co., Baltimore, Md.:

GENTLEMEN—Your goods have given perfect satisfaction.

Respectfully,

A. H. HARRILL

EAST WILLISTON, L. I., Dec. 19, 1889

Messrs. H. S. Miller & Co., Newark, N. J.:

DEAR SIRS—Your letter asking if I could not collect a few testimonials for your "Farmers' Manual" at hand. I will say that your goods have given such general satisfaction throughout this section that a testimonial from every man who would be willing to give one would more than fill your book. Everyone to whom I have spoken in regard to your goods praise them; and what is better, have assured me that they shall use them again more extensively next season, a great many placing their orders with me now. What better testimonial than that could you ask for your goods. I send you a few, however, that I got to-day. I feel sanguine of a largely increased trade on your goods in this section next year.

Yours very truly, EP. TITUS.

MINEOLA, L. I., Dec. 19, 1889.

Mr. Ep. Titus:

DEAR SIR—In reply to your inquiry as to my opinion of the H. S. Miller & Co.'s Phosphates, will say that I used the goods last season, and they gave me better satisfaction than any brand I ever used. I am well pleased with the goods, and shall use them again next season.

Yours truly, JOSEPH BURT.

EAST WILLISTON, L. I., Dec., 19, 1889.

Mr Ep. Titus:

I take pleasure in stating that the H. S. Miller & Co.'s Phosphate I purchased of you the past season gave me better results than anything I have used heretofore. I applied it under corn, cabbage and potatoes, and the result has satisfied me that the Miller Fertilizer can't be beat.

Yours truly, F. C. WILLIS.

BAY SIDE, L. I., Nov. 23. 1889.

Mr. George Irlam:

DEAR SIR—Enclosed please find check for the ton of Bone Meal. I stated to you some time ago, that we had used it in growing our Chrysanthemums. We found it a great success, having had the plants seven feet high, and blooms measuring as much as nine inches in diameter.

Thanking you for your trouble in the matter, I am

Yours truly,

JOHN H. TAYLOR.

PLAINS FARM, Baltimore Co., Md.

Messrs. C. N. Robinson & Brother :

GENTLEMEN—The Standard Fertilizer manufactured by H. S. Miller & Co., has been used by me for several years on wheat, corn, potatoes and vegetables. I consider it a very valuable manure, not only for the first crop, but also being of permanent advantage to the soil. We use it in connection with clover, ploughed under in the Fall.

For potatoes and vegetables, we find from 400 to 600 lbs. per acre, drilled in with the seed, about the right quantity. The yield of fair, smooth skinned potatoes has generally been from 200 to 300 bushels per acre. Potatoes grown with this fertilizer are exceptionally fine flavored and mealy, so much so, that we cannot supply the demand for them, though we receive from 10 to 15 cents per bushel over the market price. With wheat, we drill in with the seed 300 lbs per acre. On a clover sod ploughed under and made fine with harrow and roller, on such soil our average yield for a series of years, has been $27\frac{1}{2}$ bushels per acre; some years 35 bushels on a seeding of fifteen to twenty acres annually, with a fine set of clover and timothy.

Yours truly,

FRANCIS SANDERSON.

CLIFTON FARM, Staten Island, Dec. 2, 1889.

To H. S. Miller & Co., Newark, N. J.:

Have used your Fertilizers again this year, and must say I have been using fertilizers for the last eight years, and find yours way ahead of fertilizers of other firm manufactures. I shall recommend yours to all my friends. I shall want about fifty bags for my Spring crops.

I am yours, etc.,

THOS. JENKINS.

For Sir R. M. Cameron.

WILNA, Md., Oct. 25, 1889.

J. B. Hanway, Esq.:

DEAR SIR—In answer to your inquiry would say that the H. S. Miller & Co.'s Ground Bone and Harvest Queen Phosphate, bought from you last spring, gave me very pleasing results. I applied it on corn and tomatoes along side another high grade fertilizer costing more money, of which I made an actual test, and found the Miller goods gave me decidedly the best crop. I think they are the best fertilizers I have ever used, and all my neighbors, who used them extensively last spring, gave me the same proof. I will always use the Miller Fertilizers while they maintain the present high standard.

W. C. BOVINGTON.

BARNESVILLE, GA., Aug. 14, 1889.

Messrs. H. S. Miller & Co, Baltimore, Md.:

DEAR SIRs—We enclose few testimonials, (copies), originals of which we retain. We could get many more, but presume these will answer. Every one that used your goods here, are well pleased.

Truly,

A. O. MURPHY & HUNT.

November 13, 1889.

Messrs. H. S. Miller & Co.:

GENTLEMEN—Find enclosed my check for \$405.00, for my note, due November 15th. I have been well pleased with your Guano,

Yours respectfully,

N. C. LEE

CHARLOTTE, N. C., Nov. 14, 1889.

Messrs. H. S. Miller & Co., Baltimore, Md.:

DEAR SIRs—Enclosed find draft on N. Y. for twelve hundred dollars, in payment of our note for this amount, due Nov. 15th, 1889. Please acknowledge receipt of same and forward note, and oblige,

Yours truly,

J. G. SHANNONHOUSE & Co.

The cotton crop is a short one here, and lots of complaints among farmers, though your goods have given good satisfaction.

HANOVER, N. J., Nov. 18, 1889.

H. S. Miller & Co.:

Enclosed please find checks for \$82.08, please place to my credit; also two testimonials. I have had the promise of more; how soon do you want to use them. All we have spoken to about the Fertilizers speak well of them, and intend to use more next season.

J. KITCHELL Jr.

Per L. F. K.

POMPTON PLAINS, Morris Co., N. J., Dec. 11, 1889.

Messrs. H. S. Miller & Co.:

DEAR SIRs—I have purchased of your agent, Mr. Jacob Z. Budd, for two seasons, Messrs. H. S. Miller & Co.'s Lawn Fertilizer, and used it on my lawns with the best result. I am pleased with the article and prefer it to any other fertilizer. Last season I used H. S. Miller & Co.'s Ground Bone around my forest and ornamental trees and my grape vines. I don't want any other fertilizer, as it has done so well on the trees and vines. Used H. S. Miller & Co.'s Standard Fertilizer last year with the best result.

Yours truly, C. D. V. ROMONDT, M.D.

LINCOLN PARK, N. J., Dec 8, 1889.

Messrs. H. S. Miller & Co.:

GENTLEMEN—We have used your Potato Fertilizer the past two years with very good results. Last spring we tried it along side of three other makes. We saw very little difference at first, while growing, but when we came to dig our potatoes there was quite a difference. Where we put the H. S. Miller & Co's Fertilizer, the potatoes were a larger run and a great deal smoother. We had a very fine crop where we used your Fertilizer. We are very well pleased with it, and can recommend it to all of our neighbors.

Yours truly,

JAS. PARKER & BROS.

STEVENS CREEK, Greyson Co., Va. July 20, 1889.

H. S. Miller & Co.:

GENTLEMEN—After corresponding with you, I ordered one ton of your Standard Superphosphate of Lime, and I am highly pleased with it. I, and some others, ordered through G. B. Waugh, and all are well pleased. If I had an agency, I think I could sell your fertilizers here.

T. HUGH NICHOLLS.

LICKDALE, Pa., Aug. 21, 1889.

Messrs. H. S. Miller & Co.:

GENTLEMEN—Yours to hand. I am sorry that we can not accommodate you this time. We have all our buildings filled with hay and grain, so that we really had to build a roof to protect it from the atmospheric moistures. We would have room on one threshing floor, but in that case we would have to handle it several times beside, as we have to use that for threshing before seeding. You see, the use of your goods so increased our crops, that all roof capacity is taken up by the increase of the crops.

Yours truly, GROH BROS.

PATAPSCO NECK, Md., July 11, 1889.

Messrs. H. S. Miller & Co., Baltimore, Md.:

DEAR SIRs—I used your Standard Phosphate on Cabbages and peas; 800 lbs. to the acre on cabbages and 450 lbs. on peas. I got out as good a crop as I ever did; about 5,000 cabbages and 75 to 80 bushels peas. I sowed the phosphate in the rows. Am well pleased with your goods and shall continue to use them.

Yours truly,

JAS. M. BOWEN, Canton P. O.

BROOKLYN, A. A. Co., Md., July 13, 1889.

Messrs. O. N. Robinson & Bro., 507 E. Pratt St., Baltimore, Md.:

DEAR SIRs—I planted a field of Tomatoes, using H. S. Miller & Co.'s Standard on a part of the lot, stable manure on a part, and the same fertilizer, in conjunction with stable manure, on the balance. Where the H. S. Miller & Co.'s Standard was used alone, I put about 300 lbs. to the acre, and found to my surprise, that the tomatoes were much finer and yield better, than where the stable manure was used alone or in conjunction with the fertilizer. It is the best fertilizer that I have ever used, and shall continue to patronize its use while it is kept up to its present high standard.

E. CLARK.

NORTH POINT, Md., June 29, 1889.

Messrs. H. S. Miller & Co., Baltimore, Md.:

DEAR SIRs—In reply to your inquiry asking how I applied and what results I received from your Vegetable Compound, will say that I used 1,000 lbs. to the acre broadcast, in November, and plowed under. I put out 4,500 plants of the early summer variety, to the acre, and made a test of your goods with manure, side by side, and the yield from your Compound was as good as that from the manure, without considering cost or labor. The cabbages were as early where the fertilizer was used as where the manure was applied. I consider your fertilizer equal to either manure, night soil or garbage.

Your Compound is cheaper for my use and much less trouble to handle and prepare for the crops, therefore, the result was in favor of your goods. I shall use your goods again, and would advise all raisers of early truck to use them.

Yours truly,

C. W. STANSBURY.

MOUNTAIN VIEW, N. J., Dec. '13, 1889.

Messrs. H. S. Miller & Co., Newark:

Please find three testimonials; one from the doctor and one from Hosier and Benjamin, and all are men that you can believe what they say. As far as I can learn, your fertilizers have given universal satisfaction.

Drove twice five miles, in and out, to get doctor's. Drove four and a half miles, four times in and out, to get Hosier's and some others. Did not get Mr. J. H. Vanness, the onion man; expect to get the premium by the 1st of January, then you will hear from him. I just got the doctor's today.

Yours,

J. Z. BUDD.

LINCOLN PARK, Aug. 16, 1889.

Mr. J. Z. Budd:

DEAR SIR—I think H. S. Miller & Co's Potato Fertilizer is as good as any. Have used it for two years, and like it very much.

Yours, &c.,

T. W. BENJAMIN.

November 1, 1889.

Mr. J. B. Hanway:

DEAR SIR—I used last spring, a little over ten tons of H. S. Miller & Co's Bone Meal and Harvest Queen Phosphate with satisfactory results.

Yours truly,

GEO. W. MCCOMAS.

November, 1889.

Mr. J. B. Hanway:

SIR—We have used H. S. Miller & Co's Bone and Phosphate two seasons. It has brought us good crops; better than any other we ever used. For tomatoes, Harvest Queen can't be beat. We planted tomatoes and put 500 lbs. to the acre and raised the largest crop and best tomatoes in the neighborhood. Shall continue to use it in future as long as it does so well for us.

EUGENE HOLLINGSWORTH & BROS.

ROSLYN, L. I., Dec. 19, 1889.

Mr. Ep. Titus:

DEAR SIR—In reply to yours, I must say that I am very well pleased with the H. S. Miller & Co Fertilizer, purchased of you the past season. I find it to be fully equal to the ——— which in my opinion is the best.

Yours truly,

A. C. VAN SICLEN.

104 . . . HANOVER, N. J., Nov. 13, 1889.

To H. S. Miller & Co.:

I have used your Ground Bone and Potato Fertilizer for the past two years, with good success, although this season has been so wet that I could not give them a fair trial. In 1888 I gave the Potato Manure a fair trial on ground without any other manure, and left two rows in different parts of the lot without putting the fertilizer on, and the result was, when digging time came, these two rows had about one and one-half bushels each of small potatoes, while all the rows where the Fertilizer was applied, had from five to six bushels each of large potatoes.

Yours respectfully,

GEORGE COOK.

HANOVER, N. J., Nov. 13, 1889.

Mr. Joseph Kitchell, Jr.:

DEAR SIR—The H. S. Miller & Co. Potato Fertilizer I bought of you gave entire satisfaction. I used it alongside of other fertilizers with much better results. Shall use it exclusively next season.

Yours, &c.,

DAVID A. HOPPING.

BRADENBAUGH P. O., Harford Co. Nov. 1, 1889.

Messrs. H. S. Miller & Co.:

I bought of your Agent, Mr. J. H. Mullineaux, two tons of your Pure Raw Bone Meal, and two tons of your Standard Phosphate, that I sowed on land seeded to wheat, last fall. Both brands have given me a very satisfactory crop. I am much pleased with their results. I believe them to be good fertilizers.

Very respectfully yours,

ANDREW L. ANDERSON.

BRADENBAUGH, Md., Nov. 2, 1889

Messrs. H. S. Miller & Co.:

DEAR SIRS—I have used your fertilizer now for two years, and it has given me satisfaction. I have not threshed my wheat yet, but think it will average twenty-five bushels to the acre. I have a splendid set of grass. I have used it again this year, and expect to continue its use.

Yours respectfully,

JOSEPH H. MULLINEAUX.

MEMORANDUMS.

15-
mildly improved
but very poor
condition of
the soil & crops
very poor
both of them

MEMORANDUMS.

a box of potatoes
cabbages
moss melons
golden ball lettuce
large red onions
mills improved
the beam
white self
celery
yellow and green
melons

straw
a box of potatoes
cabbages
moss melons
golden ball lettuce
large flat onions
mills improved
moss melons
even more

Edward H. H.

MEMORANDUMS.

a box of potato
mashed 5
cabbage 5
potatoes 3
milk 10
silver 10
large old 10
mashed 10
pork 10
Charles Dietrich

a box of potato
19 to 20 to 10
mashed 10
cabbage 10
potatoes 10
milk 10
silver 10
large old 10
mashed 10
pork 10
Charles Dietrich

MEMORANDUMS.

MEMORANDUMS.

MEMORANDUMS

MEMORANDUMS.

MEMORANDUMS.

MEMORANDUMS.

and further the -
Battle's over
we shall wear a crown
in the new Jerusalem

Don't you hear the angels
singing hallelujah &
don't you hear sing in
glory to get on high
then palm of victory
crown of glory
palm of victory &
I shall wear

is my name written
there on the page
white and pale in the
book of the kingdom
is my name written
there

MEMORANDUMS.

Oh then to the Rock let -
me fly
to the Rock that is higher
than I
adieu, adieu my friends
adieu I can no longer stay
tell you my Saviour
calls me I must go
to meet him in the
promise land
there is rest for the weary
there is rest for you
on the other side of Jordan
in the sweet fields of Eden
where the tree of life
is blossoming
there is rest for you

CASH ACCOUNT.

DATE.		RECEIVED.	Paid.

CASH ACCOUNT.

DATE		RECEIVED.	PAID.
1846	Jan 15	To Balance	By Cash

CASH ACCOUNT.

DATE.		RECEIVED.	PAID.
			1 John & Co Nov 16 Personal & 7 1/2 2 1/4 11

CASH ACCOUNT.

DATE.

RECEIVED.

PAID.

Genesis 11:1-28:22

Sat 126 re 19x Jer 5-6 vers 29
 Fri 6 51 vers 34 u 43 vers
 Revue 6 18 re

Key

11

235-
346
611'

H. S. MILLER & CO'S



350
500
100
450

FERTILIZERS.

11111



FOR SALE BY

W. E. OLEWILER.

LONG LEVEL, PA.